A reconstruction of Peters's table of logarithms to 6 places (1921)

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Introduction

Johann Theodor Peters (1869–1941) was a German astronomer and computer of mathematical and astronomical tables. In 1910 and 1911, together with Julius Bauschinger, he published the first widely available 8-place table of logarithms [15]. This work was the basis of many later tables, most of which have been reconstructed by us.[1]

The 8-place table was itself based on a 12-place manuscript table, which was again used by Peters in the preparation of a new 7-place table of logarithms of trigonometrical functions for every second of the quadrant and published in 1911 [36].

In 1919, Peters published a table of the logarithms of the trigonometrical functions to 10 places for every thousandth of a degree [42]. This table was based on another 12-place table extracted from Briggs's table [17].

The 12-place table was in turn used as a basis for two new tables, the present 6-place table, and another one giving the logarithms to seven places [44], both published in 1921, and with an identical layout. Both tables give the logarithms at $0^\circ.001$ intervals. The rounded values had to be recomputed in a few instances.

The main purpose of this new 6-place table was to provide a table with easy interpolation, as the interval between values is only $3.6''$, that is a thousandth of a degree.

Each page gives the four functions sine, cosine, tangent and cotangent for 51 consecutive angular values. The values of the auxiliary functions

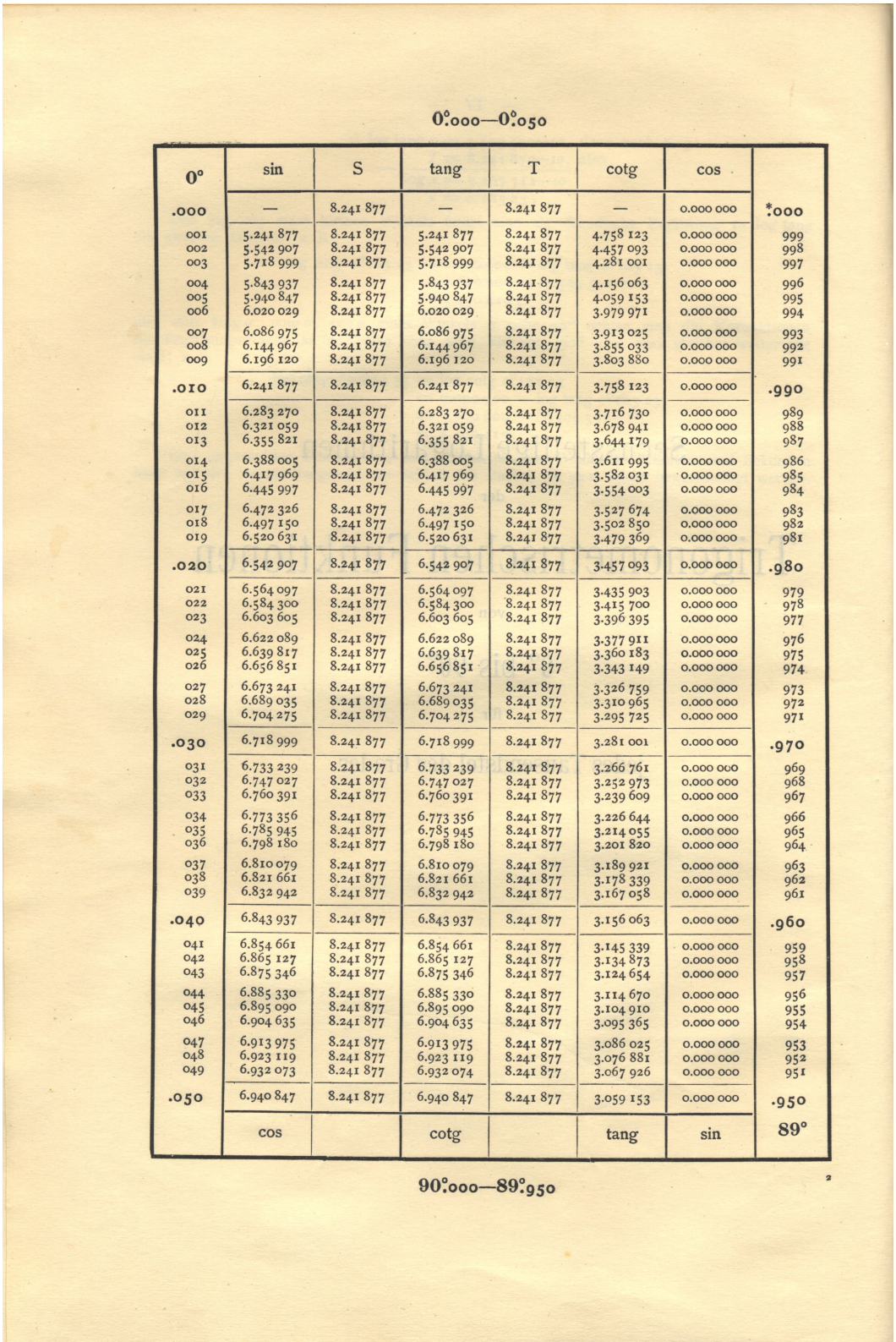
$$S = \log\left(\frac{\sin x}{x}\right) + 10 \tag{1}$$

$$T = \log\left(\frac{\tan x}{x}\right) + 10 \tag{2}$$

are given from 0° to $0^\circ.4$, x being in degrees. Differences and interpolation tables are given in certain ranges.

The volume ends with an extensive summary of trigonometric formulæ, as well as methods for solving equations, tables of mathematical and geodetical constants, and a table for the conversion of fractions of degrees into sexagesimal minutes and seconds. These tables have not (yet) been reproduced in our reconstruction. They were reused in Peters's last published volume in 1941 [57].

[1] For more information on Peters's tables, we refer the reader to our summary [90].

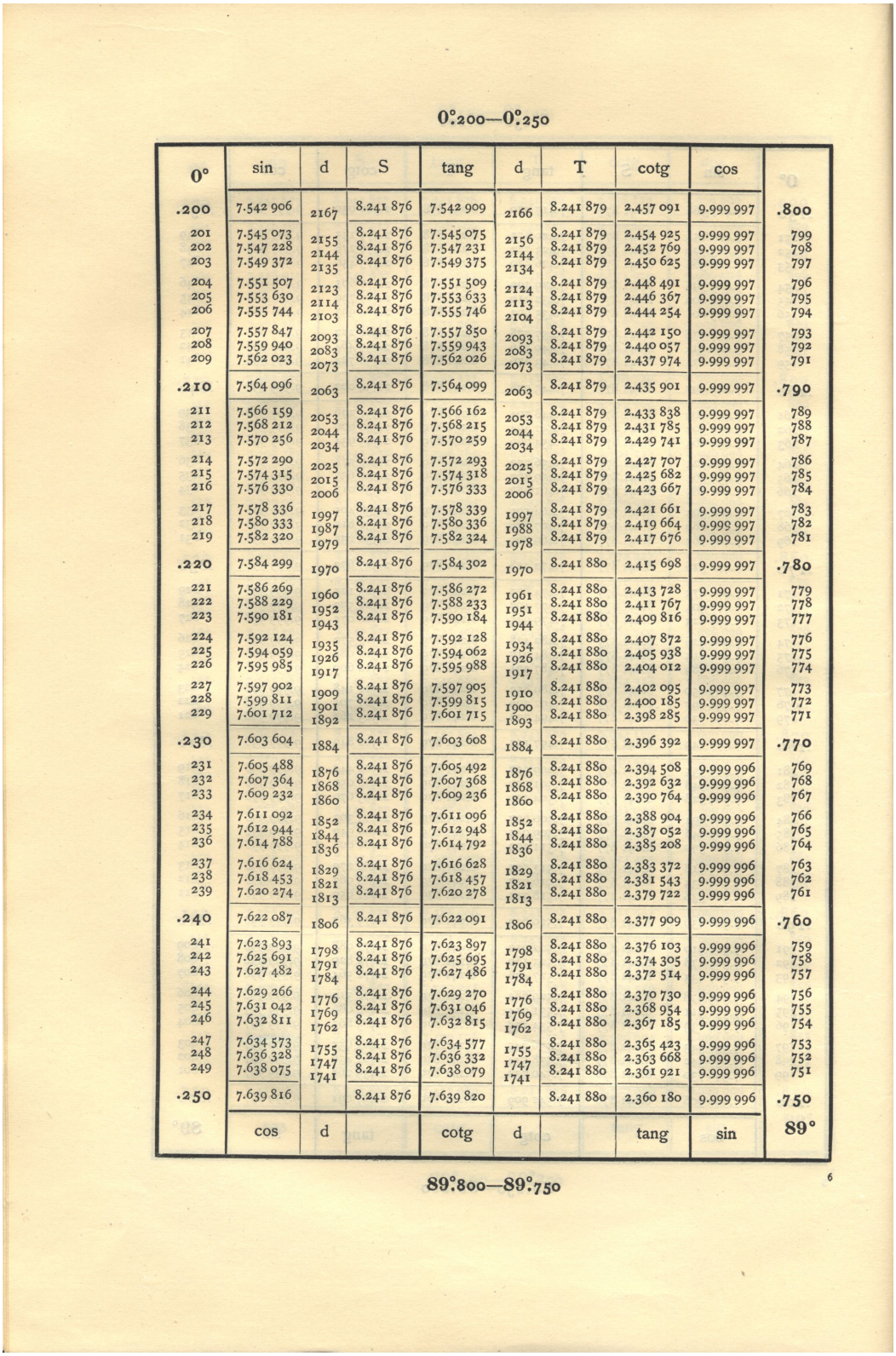


0°.000—0°.050

0°	sin	S	tang	T	cotg	cos	
.000	—	8.241 877	—	8.241 877	—	0.000 000	*.000
001	5.241 877	8.241 877	5.241 877	8.241 877	4.758 123	0.000 000	999
002	5.542 907	8.241 877	5.542 907	8.241 877	4.457 093	0.000 000	998
003	5.718 999	8.241 877	5.718 999	8.241 877	4.281 001	0.000 000	997
004	5.843 937	8.241 877	5.843 937	8.241 877	4.156 063	0.000 000	996
005	5.940 847	8.241 877	5.940 847	8.241 877	4.059 153	0.000 000	995
006	6.020 029	8.241 877	6.020 029	8.241 877	3.979 971	0.000 000	994
007	6.086 975	8.241 877	6.086 975	8.241 877	3.913 025	0.000 000	993
008	6.144 967	8.241 877	6.144 967	8.241 877	3.855 033	0.000 000	992
009	6.196 120	8.241 877	6.196 120	8.241 877	3.803 880	0.000 000	991
.010	6.241 877	8.241 877	6.241 877	8.241 877	3.758 123	0.000 000	.990
011	6.283 270	8.241 877	6.283 270	8.241 877	3.716 730	0.000 000	989
012	6.321 059	8.241 877	6.321 059	8.241 877	3.678 941	0.000 000	988
013	6.355 821	8.241 877	6.355 821	8.241 877	3.644 179	0.000 000	987
014	6.388 005	8.241 877	6.388 005	8.241 877	3.611 995	0.000 000	986
015	6.417 969	8.241 877	6.417 969	8.241 877	3.582 031	0.000 000	985
016	6.445 997	8.241 877	6.445 997	8.241 877	3.554 003	0.000 000	984
017	6.472 326	8.241 877	6.472 326	8.241 877	3.527 674	0.000 000	983
018	6.497 150	8.241 877	6.497 150	8.241 877	3.502 850	0.000 000	982
019	6.520 631	8.241 877	6.520 631	8.241 877	3.479 369	0.000 000	981
.020	6.542 907	8.241 877	6.542 907	8.241 877	3.457 093	0.000 000	.980
021	6.564 097	8.241 877	6.564 097	8.241 877	3.435 903	0.000 000	979
022	6.584 300	8.241 877	6.584 300	8.241 877	3.415 700	0.000 000	978
023	6.603 605	8.241 877	6.603 605	8.241 877	3.396 395	0.000 000	977
024	6.622 089	8.241 877	6.622 089	8.241 877	3.377 911	0.000 000	976
025	6.639 817	8.241 877	6.639 817	8.241 877	3.360 183	0.000 000	975
026	6.656 851	8.241 877	6.656 851	8.241 877	3.343 149	0.000 000	974
027	6.673 241	8.241 877	6.673 241	8.241 877	3.326 759	0.000 000	973
028	6.689 035	8.241 877	6.689 035	8.241 877	3.310 965	0.000 000	972
029	6.704 275	8.241 877	6.704 275	8.241 877	3.295 725	0.000 000	971
.030	6.718 999	8.241 877	6.718 999	8.241 877	3.281 001	0.000 000	.970
031	6.733 239	8.241 877	6.733 239	8.241 877	3.266 761	0.000 000	969
032	6.747 027	8.241 877	6.747 027	8.241 877	3.252 973	0.000 000	968
033	6.760 391	8.241 877	6.760 391	8.241 877	3.239 609	0.000 000	967
034	6.773 356	8.241 877	6.773 356	8.241 877	3.226 644	0.000 000	966
035	6.785 945	8.241 877	6.785 945	8.241 877	3.214 055	0.000 000	965
036	6.798 180	8.241 877	6.798 180	8.241 877	3.201 820	0.000 000	964
037	6.810 079	8.241 877	6.810 079	8.241 877	3.189 921	0.000 000	963
038	6.821 661	8.241 877	6.821 661	8.241 877	3.178 339	0.000 000	962
039	6.832 942	8.241 877	6.832 942	8.241 877	3.167 058	0.000 000	961
.040	6.843 937	8.241 877	6.843 937	8.241 877	3.156 063	0.000 000	.960
041	6.854 661	8.241 877	6.854 661	8.241 877	3.145 339	0.000 000	959
042	6.865 127	8.241 877	6.865 127	8.241 877	3.134 873	0.000 000	958
043	6.875 346	8.241 877	6.875 346	8.241 877	3.124 654	0.000 000	957
044	6.885 330	8.241 877	6.885 330	8.241 877	3.114 670	0.000 000	956
045	6.895 090	8.241 877	6.895 090	8.241 877	3.104 910	0.000 000	955
046	6.904 635	8.241 877	6.904 635	8.241 877	3.095 365	0.000 000	954
047	6.913 975	8.241 877	6.913 975	8.241 877	3.086 025	0.000 000	953
048	6.923 119	8.241 877	6.923 119	8.241 877	3.076 881	0.000 000	952
049	6.932 073	8.241 877	6.932 074	8.241 877	3.067 926	0.000 000	951
.050	6.940 847	8.241 877	6.940 847	8.241 877	3.059 153	0.000 000	.950
	cos		cotg		tang	sin	89°

90°.000—89°.950

Figure 1: Excerpt of Peters's table.



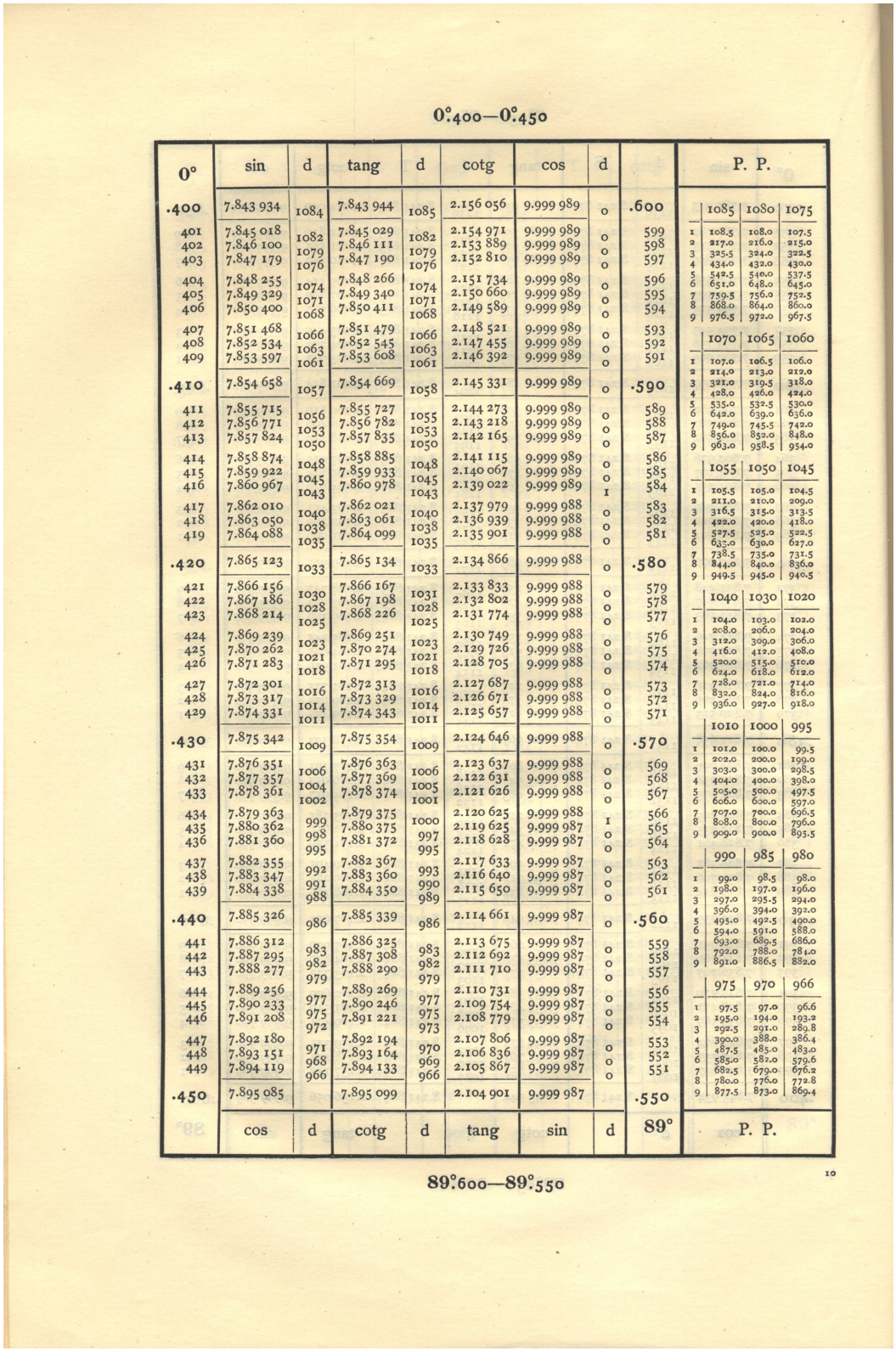
0°.200—0°.250

0°	sin	d	S	tang	d	T	cotg	cos	
.200	7.542 906	2167	8.241 876	7.542 909	2166	8.241 879	2.457 091	9.999 997	.800
201	7.545 073	2155	8.241 876	7.545 075	2156	8.241 879	2.454 925	9.999 997	799
202	7.547 228	2144	8.241 876	7.547 231	2144	8.241 879	2.452 769	9.999 997	798
203	7.549 372	2135	8.241 876	7.549 375	2134	8.241 879	2.450 625	9.999 997	797
204	7.551 507	2123	8.241 876	7.551 509	2124	8.241 879	2.448 491	9.999 997	796
205	7.553 630	2114	8.241 876	7.553 633	2113	8.241 879	2.446 367	9.999 997	795
206	7.555 744	2103	8.241 876	7.555 746	2104	8.241 879	2.444 254	9.999 997	794
207	7.557 847	2093	8.241 876	7.557 850	2093	8.241 879	2.442 150	9.999 997	793
208	7.559 940	2083	8.241 876	7.559 943	2083	8.241 879	2.440 057	9.999 997	792
209	7.562 023	2073	8.241 876	7.562 026	2073	8.241 879	2.437 974	9.999 997	791
.210	7.564 096	2063	8.241 876	7.564 099	2063	8.241 879	2.435 901	9.999 997	.790
211	7.566 159	2053	8.241 876	7.566 162	2053	8.241 879	2.433 838	9.999 997	789
212	7.568 212	2044	8.241 876	7.568 215	2044	8.241 879	2.431 785	9.999 997	788
213	7.570 256	2034	8.241 876	7.570 259	2034	8.241 879	2.429 741	9.999 997	787
214	7.572 290	2025	8.241 876	7.572 293	2025	8.241 879	2.427 707	9.999 997	786
215	7.574 315	2015	8.241 876	7.574 318	2015	8.241 879	2.425 682	9.999 997	785
216	7.576 330	2006	8.241 876	7.576 333	2006	8.241 879	2.423 667	9.999 997	784
217	7.578 336	1997	8.241 876	7.578 339	1997	8.241 879	2.421 661	9.999 997	783
218	7.580 333	1987	8.241 876	7.580 336	1988	8.241 879	2.419 664	9.999 997	782
219	7.582 320	1979	8.241 876	7.582 324	1978	8.241 879	2.417 676	9.999 997	781
.220	7.584 299	1970	8.241 876	7.584 302	1970	8.241 880	2.415 698	9.999 997	.780
221	7.586 269	1960	8.241 876	7.586 272	1961	8.241 880	2.413 728	9.999 997	779
222	7.588 229	1952	8.241 876	7.588 233	1951	8.241 880	2.411 767	9.999 997	778
223	7.590 181	1943	8.241 876	7.590 184	1944	8.241 880	2.409 816	9.999 997	777
224	7.592 124	1935	8.241 876	7.592 128	1934	8.241 880	2.407 872	9.999 997	776
225	7.594 059	1926	8.241 876	7.594 062	1926	8.241 880	2.405 938	9.999 997	775
226	7.595 985	1917	8.241 876	7.595 988	1917	8.241 880	2.404 012	9.999 997	774
227	7.597 902	1909	8.241 876	7.597 905	1910	8.241 880	2.402 095	9.999 997	773
228	7.599 811	1901	8.241 876	7.599 815	1900	8.241 880	2.400 185	9.999 997	772
229	7.601 712	1892	8.241 876	7.601 715	1893	8.241 880	2.398 285	9.999 997	771
.230	7.603 604	1884	8.241 876	7.603 608	1884	8.241 880	2.396 392	9.999 997	.770
231	7.605 488	1876	8.241 876	7.605 492	1876	8.241 880	2.394 508	9.999 996	769
232	7.607 364	1868	8.241 876	7.607 368	1868	8.241 880	2.392 632	9.999 996	768
233	7.609 232	1860	8.241 876	7.609 236	1860	8.241 880	2.390 764	9.999 996	767
234	7.611 092	1852	8.241 876	7.611 096	1852	8.241 880	2.388 904	9.999 996	766
235	7.612 944	1844	8.241 876	7.612 948	1844	8.241 880	2.387 052	9.999 996	765
236	7.614 788	1836	8.241 876	7.614 792	1836	8.241 880	2.385 208	9.999 996	764
237	7.616 624	1829	8.241 876	7.616 628	1829	8.241 880	2.383 372	9.999 996	763
238	7.618 453	1821	8.241 876	7.618 457	1821	8.241 880	2.381 543	9.999 996	762
239	7.620 274	1813	8.241 876	7.620 278	1813	8.241 880	2.379 722	9.999 996	761
.240	7.622 087	1806	8.241 876	7.622 091	1806	8.241 880	2.377 909	9.999 996	.760
241	7.623 893	1798	8.241 876	7.623 897	1798	8.241 880	2.376 103	9.999 996	759
242	7.625 691	1791	8.241 876	7.625 695	1791	8.241 880	2.374 305	9.999 996	758
243	7.627 482	1784	8.241 876	7.627 486	1784	8.241 880	2.372 514	9.999 996	757
244	7.629 266	1776	8.241 876	7.629 270	1776	8.241 880	2.370 730	9.999 996	756
245	7.631 042	1769	8.241 876	7.631 046	1769	8.241 880	2.368 954	9.999 996	755
246	7.632 811	1762	8.241 876	7.632 815	1762	8.241 880	2.367 185	9.999 996	754
247	7.634 573	1755	8.241 876	7.634 577	1755	8.241 880	2.365 423	9.999 996	753
248	7.636 328	1747	8.241 876	7.636 332	1747	8.241 880	2.363 668	9.999 996	752
249	7.638 075	1741	8.241 876	7.638 079	1741	8.241 880	2.361 921	9.999 996	751
.250	7.639 816		8.241 876	7.639 820		8.241 880	2.360 180	9.999 996	.750
	cos	d		cotg	d		tang	sin	89°

89°.800—89°.750

6

Figure 2: Excerpt of Peters's table.



0°.400—0°.450

0°	sin	d	tang	d	cotg	cos	d	
.400	7.843 934	1084	7.843 944	1085	2.156 056	9.999 989	0	.600
401	7.845 018	1082	7.845 029	1082	2.154 971	9.999 989	0	599
402	7.846 100	1079	7.846 111	1079	2.153 889	9.999 989	0	598
403	7.847 179	1076	7.847 190	1076	2.152 810	9.999 989	0	597
404	7.848 255	1074	7.848 266	1074	2.151 734	9.999 989	0	596
405	7.849 329	1071	7.849 340	1071	2.150 660	9.999 989	0	595
406	7.850 400	1068	7.850 411	1068	2.149 589	9.999 989	0	594
407	7.851 468	1066	7.851 479	1066	2.148 521	9.999 989	0	593
408	7.852 534	1063	7.852 545	1063	2.147 455	9.999 989	0	592
409	7.853 597	1061	7.853 608	1061	2.146 392	9.999 989	0	591
.410	7.854 658	1057	7.854 669	1058	2.145 331	9.999 989	0	.590
411	7.855 715	1056	7.855 727	1055	2.144 273	9.999 989	0	589
412	7.856 771	1053	7.856 782	1053	2.143 218	9.999 989	0	588
413	7.857 824	1050	7.857 835	1050	2.142 165	9.999 989	0	587
414	7.858 874	1048	7.858 885	1048	2.141 115	9.999 989	0	586
415	7.859 922	1045	7.859 933	1045	2.140 067	9.999 989	0	585
416	7.860 967	1043	7.860 978	1043	2.139 022	9.999 989	1	584
417	7.862 010	1040	7.862 021	1040	2.137 979	9.999 988	0	583
418	7.863 050	1038	7.863 061	1038	2.136 939	9.999 988	0	582
419	7.864 088	1035	7.864 099	1035	2.135 901	9.999 988	0	581
.420	7.865 123	1033	7.865 134	1033	2.134 866	9.999 988	0	.580
421	7.866 156	1030	7.866 167	1031	2.133 833	9.999 988	0	579
422	7.867 186	1028	7.867 198	1028	2.132 802	9.999 988	0	578
423	7.868 214	1025	7.868 226	1025	2.131 774	9.999 988	0	577
424	7.869 239	1023	7.869 251	1023	2.130 749	9.999 988	0	576
425	7.870 262	1021	7.870 274	1021	2.129 726	9.999 988	0	575
426	7.871 283	1018	7.871 295	1018	2.128 705	9.999 988	0	574
427	7.872 301	1016	7.872 313	1016	2.127 687	9.999 988	0	573
428	7.873 317	1014	7.873 329	1014	2.126 671	9.999 988	0	572
429	7.874 331	1011	7.874 343	1011	2.125 657	9.999 988	0	571
.430	7.875 342	1009	7.875 354	1009	2.124 646	9.999 988	0	.570
431	7.876 351	1006	7.876 363	1006	2.123 637	9.999 988	0	569
432	7.877 357	1004	7.877 369	1005	2.122 631	9.999 988	0	568
433	7.878 361	1002	7.878 374	1001	2.121 626	9.999 988	0	567
434	7.879 363	999	7.879 375	1000	2.120 625	9.999 988	1	566
435	7.880 362	998	7.880 375	997	2.119 625	9.999 987	0	565
436	7.881 360	995	7.881 372	995	2.118 628	9.999 987	0	564
437	7.882 355	992	7.882 367	993	2.117 633	9.999 987	0	563
438	7.883 347	991	7.883 360	990	2.116 640	9.999 987	0	562
439	7.884 338	988	7.884 350	989	2.115 650	9.999 987	0	561
.440	7.885 326	986	7.885 339	986	2.114 661	9.999 987	0	.560
441	7.886 312	983	7.886 325	983	2.113 675	9.999 987	0	559
442	7.887 295	982	7.887 308	982	2.112 692	9.999 987	0	558
443	7.888 277	979	7.888 290	979	2.111 710	9.999 987	0	557
444	7.889 256	977	7.889 269	977	2.110 731	9.999 987	0	556
445	7.890 233	975	7.890 246	975	2.109 754	9.999 987	0	555
446	7.891 208	972	7.891 221	973	2.108 779	9.999 987	0	554
447	7.892 180	971	7.892 194	970	2.107 806	9.999 987	0	553
448	7.893 151	968	7.893 164	969	2.106 836	9.999 987	0	552
449	7.894 119	966	7.894 133	966	2.105 867	9.999 987	0	551
.450	7.895 085		7.895 099		2.104 901	9.999 987		.550
	cos	d	cotg	d	tang	sin	d	89°

P. P.

	1085	1080	1075
1	108.5	108.0	107.5
2	217.0	216.0	215.0
3	325.5	324.0	322.5
4	434.0	432.0	430.0
5	542.5	540.0	537.5
6	651.0	648.0	645.0
7	759.5	756.0	752.5
8	868.0	864.0	860.0
9	976.5	972.0	967.5

	1070	1065	1060
1	107.0	106.5	106.0
2	214.0	213.0	212.0
3	321.0	319.5	318.0
4	428.0	426.0	424.0
5	535.0	532.5	530.0
6	642.0	639.0	636.0
7	749.0	745.5	742.0
8	856.0	852.0	848.0
9	963.0	958.5	954.0

	1055	1050	1045
1	105.5	105.0	104.5
2	211.0	210.0	209.0
3	316.5	315.0	313.5
4	422.0	420.0	418.0
5	527.5	525.0	522.5
6	633.0	630.0	627.0
7	738.5	735.0	731.5
8	844.0	840.0	836.0
9	949.5	945.0	940.5

	1040	1030	1020
1	104.0	103.0	102.0
2	208.0	206.0	204.0
3	312.0	309.0	306.0
4	416.0	412.0	408.0
5	520.0	515.0	510.0
6	624.0	618.0	612.0
7	728.0	721.0	714.0
8	832.0	824.0	816.0
9	936.0	927.0	918.0

	1010	1000	995
1	101.0	100.0	99.5
2	202.0	200.0	199.0
3	303.0	300.0	298.5
4	404.0	400.0	398.0
5	505.0	500.0	497.5
6	606.0	600.0	597.0
7	707.0	700.0	696.5
8	808.0	800.0	796.0
9	909.0	900.0	895.5

	990	985	980
1	99.0	98.5	98.0
2	198.0	197.0	196.0
3	297.0	295.5	294.0
4	396.0	394.0	392.0
5	495.0	492.5	490.0
6	594.0	591.0	588.0
7	693.0	689.5	686.0
8	792.0	788.0	784.0
9	891.0	886.5	882.0

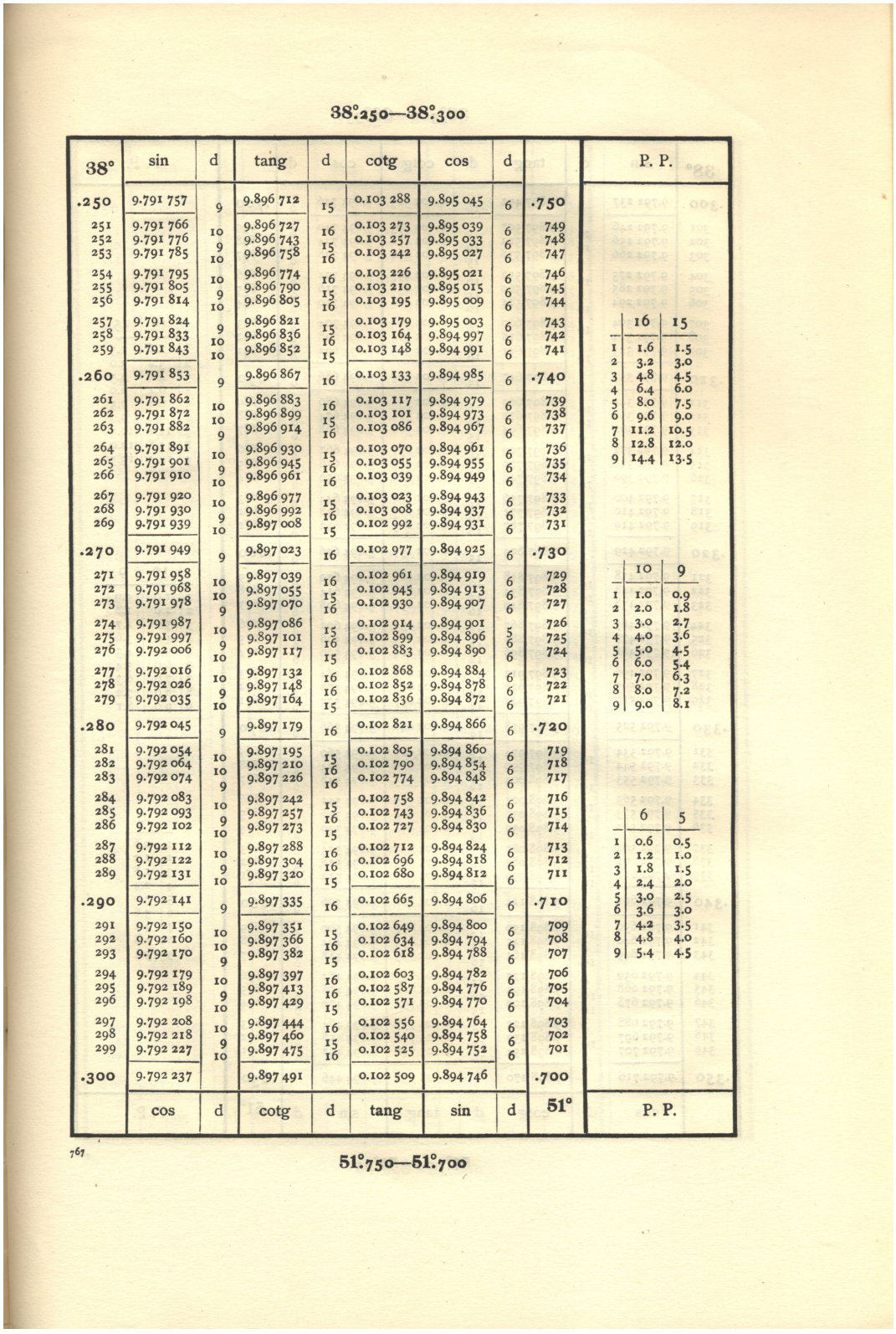
	975	970	966
1	97.5	97.0	96.6
2	195.0	194.0	193.2
3	292.5	291.0	289.8
4	390.0	388.0	386.4
5	487.5	485.0	483.0
6	585.0	582.0	579.6
7	682.5	679.0	676.2
8	780.0	776.0	772.8
9	877.5	873.0	869.4

P. P.

89°.600—89°.550

10

Figure 3: Excerpt of Peters's table.



38°.250—38°.300

38°	sin	d	tang	d	cotg	cos	d		P. P.
.250	9.791 757	9	9.896 712	15	0.103 288	9.895 045	6	.750	
251	9.791 766	10	9.896 727	16	0.103 273	9.895 039	6	749	
252	9.791 776	9	9.896 743	15	0.103 257	9.895 033	6	748	
253	9.791 785	10	9.896 758	16	0.103 242	9.895 027	6	747	
254	9.791 795	10	9.896 774	16	0.103 226	9.895 021	6	746	
255	9.791 805	9	9.896 790	15	0.103 210	9.895 015	6	745	
256	9.791 814	10	9.896 805	16	0.103 195	9.895 009	6	744	
257	9.791 824	9	9.896 821	15	0.103 179	9.895 003	6	743	
258	9.791 833	10	9.896 836	16	0.103 164	9.894 997	6	742	
259	9.791 843	10	9.896 852	15	0.103 148	9.894 991	6	741	
.260	9.791 853	9	9.896 867	16	0.103 133	9.894 985	6	.740	
261	9.791 862	10	9.896 883	16	0.103 117	9.894 979	6	739	
262	9.791 872	10	9.896 899	15	0.103 101	9.894 973	6	738	
263	9.791 882	9	9.896 914	16	0.103 086	9.894 967	6	737	
264	9.791 891	10	9.896 930	15	0.103 070	9.894 961	6	736	
265	9.791 901	9	9.896 945	16	0.103 055	9.894 955	6	735	
266	9.791 910	10	9.896 961	16	0.103 039	9.894 949	6	734	
267	9.791 920	10	9.896 977	15	0.103 023	9.894 943	6	733	
268	9.791 930	9	9.896 992	16	0.103 008	9.894 937	6	732	
269	9.791 939	10	9.897 008	15	0.102 992	9.894 931	6	731	
.270	9.791 949	9	9.897 023	16	0.102 977	9.894 925	6	.730	
271	9.791 958	10	9.897 039	16	0.102 961	9.894 919	6	729	
272	9.791 968	10	9.897 055	15	0.102 945	9.894 913	6	728	
273	9.791 978	9	9.897 070	16	0.102 930	9.894 907	6	727	
274	9.791 987	10	9.897 086	15	0.102 914	9.894 901	5	726	
275	9.791 997	9	9.897 101	16	0.102 899	9.894 896	5	725	
276	9.792 006	10	9.897 117	15	0.102 883	9.894 890	6	724	
277	9.792 016	10	9.897 132	16	0.102 868	9.894 884	6	723	
278	9.792 026	9	9.897 148	16	0.102 852	9.894 878	6	722	
279	9.792 035	10	9.897 164	15	0.102 836	9.894 872	6	721	
.280	9.792 045	9	9.897 179	16	0.102 821	9.894 866	6	.720	
281	9.792 054	10	9.897 195	15	0.102 805	9.894 860	6	719	
282	9.792 064	10	9.897 210	16	0.102 790	9.894 854	6	718	
283	9.792 074	9	9.897 226	16	0.102 774	9.894 848	6	717	
284	9.792 083	10	9.897 242	15	0.102 758	9.894 842	6	716	
285	9.792 093	9	9.897 257	16	0.102 743	9.894 836	6	715	
286	9.792 102	10	9.897 273	15	0.102 727	9.894 830	6	714	
287	9.792 112	10	9.897 288	16	0.102 712	9.894 824	6	713	
288	9.792 122	9	9.897 304	16	0.102 696	9.894 818	6	712	
289	9.792 131	10	9.897 320	15	0.102 680	9.894 812	6	711	
.290	9.792 141	9	9.897 335	16	0.102 665	9.894 806	6	.710	
291	9.792 150	10	9.897 351	15	0.102 649	9.894 800	6	709	
292	9.792 160	10	9.897 366	16	0.102 634	9.894 794	6	708	
293	9.792 170	9	9.897 382	15	0.102 618	9.894 788	6	707	
294	9.792 179	10	9.897 397	16	0.102 603	9.894 782	6	706	
295	9.792 189	9	9.897 413	16	0.102 587	9.894 776	6	705	
296	9.792 198	10	9.897 429	15	0.102 571	9.894 770	6	704	
297	9.792 208	10	9.897 444	16	0.102 556	9.894 764	6	703	
298	9.792 218	9	9.897 460	15	0.102 540	9.894 758	6	702	
299	9.792 227	10	9.897 475	16	0.102 525	9.894 752	6	701	
.300	9.792 237		9.897 491		0.102 509	9.894 746		.700	
	cos	d	cotg	d	tang	sin	d	51°	P. P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

767

51°.750—51°.700

Figure 4: Excerpt of Peters's table.

References

The following list covers the most important references[2] related to Peters's table. Not all items of this list are mentioned in the text, and the sources which have not been seen are marked so. We have added notes about the contents of the articles in certain cases.

[1] ???? On the eight-figure table of Peters and Comrie. *Mathematical Tables and other Aids to Computation*, 1(2):64–65, 1943. [The title is ours, and there are actually two notices, on the accuracy of the table published in 1939 [55], and its comparison with other tables.]

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[3] Marie Henri Andoyer. *Nouvelles tables trigonométriques fondamentales contenant les valeurs naturelles des lignes trigonométriques....* Paris: Librairie A. Hermann et fils, 1915–1918. [3 volumes, reconstruction by D. Roegel in 2010 [66].]

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[7] Raymond Clare Archibald. J. T. Peters, Eight-place table of trigonometric functions for every sexagesimal second of the quadrant. Achtstellige Tafel der trigonometrischen Funktionen für jede Sexagesimalsekunde des Quadranten. *Mathematical Tables and other Aids to Computation*, 1:147–148, 1944. [review of the edition published in 1939 [55]]

[8] Raymond Clare Archibald. J. T. Peters, Siebenstellige Logarithmentafel. *Mathematical Tables and other Aids to Computation*, 1:143–146, 1944. [review of the edition published in 1940 [56]]

[2] **Note on the titles of the works:** Original titles come with many idiosyncrasies and features (line splitting, size, fonts, etc.) which can often not be reproduced in a list of references. It has therefore seemed pointless to capitalize works according to conventions which not only have no relation with the original work, but also do not restore the title entirely. In the following list of references, most title words (except in German) will therefore be left uncapitalized. The names of the authors have also been homogenized and initials expanded, as much as possible.

The reader should keep in mind that this list is not meant as a facsimile of the original works. The original style information could no doubt have been added as a note, but we have not done it here.

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[11] Raymond Clare Archibald. J. T. Peters, Siebenstellige Werte der trigonometrischen Funktionen von Tausendstel zu Tausendstel des Neugrades. *Mathematical Tables and other Aids to Computation*, 2(19):299, 1947. [review of the 1941 edition [57]]

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[15] Julius Bauschinger and Johann Theodor Peters. *Logarithmisch-trigonometrische Tafeln mit acht Dezimalstellen etc.* Leipzig: Wilhelm Engelmann, 1910–1911. [2 volumes, German introduction. See [14] for the English edition; these volumes have been reprinted in 1936, 1958 and 1970, but the introductions vary. In particular, details of the construction of Hamann's machine were dropped in the last editions. Reconstructions are given in [70] and [71].]

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"New calculating tables for multiplication and division by all numbers of from one to four places." We have only had the 1919 edition in hands, and we reconstructed it in [87].]

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0°.000 — 0°.050

0°	sin	S	tang	T	cotg	cos	
.000	—	8.241 877	—	8.241 877	—	0.000 000	***000**
001	5.241 877	8.241 877	5.241 877	8.241 877	4.758 123	0.000 000	999
002	5.542 907	8.241 877	5.542 907	8.241 877	4.457 093	0.000 000	998
003	5.718 999	8.241 877	5.718 999	8.241 877	4.281 001	0.000 000	997
004	5.843 937	8.241 877	5.843 937	8.241 877	4.156 063	0.000 000	996
005	5.940 847	8.241 877	5.940 847	8.241 877	4.059 153	0.000 000	995
006	6.020 029	8.241 877	6.020 029	8.241 877	3.979 971	0.000 000	994
007	6.086 975	8.241 877	6.086 975	8.241 877	3.913 025	0.000 000	993
008	6.144 967	8.241 877	6.144 967	8.241 877	3.855 033	0.000 000	992
009	6.196 120	8.241 877	6.196 120	8.241 877	3.803 880	0.000 000	991
.010	6.241 877	8.241 877	6.241 877	8.241 877	3.758 123	0.000 000	**.990**
011	6.283 270	8.241 877	6.283 270	8.241 877	3.716 730	0.000 000	989
012	6.321 059	8.241 877	6.321 059	8.241 877	3.678 941	0.000 000	988
013	6.355 821	8.241 877	6.355 821	8.241 877	3.644 179	0.000 000	987
014	6.388 005	8.241 877	6.388 005	8.241 877	3.611 995	0.000 000	986
015	6.417 969	8.241 877	6.417 969	8.241 877	3.582 031	0.000 000	985
016	6.445 997	8.241 877	6.445 997	8.241 877	3.554 003	0.000 000	984
017	6.472 326	8.241 877	6.472 326	8.241 877	3.527 674	0.000 000	983
018	6.497 150	8.241 877	6.497 150	8.241 877	3.502 850	0.000 000	982
019	6.520 631	8.241 877	6.520 631	8.241 877	3.479 369	0.000 000	981
.020	6.542 907	8.241 877	6.542 907	8.241 877	3.457 093	0.000 000	**.980**
021	6.564 097	8.241 877	6.564 097	8.241 877	3.435 903	0.000 000	979
022	6.584 300	8.241 877	6.584 300	8.241 877	3.415 700	0.000 000	978
023	6.603 605	8.241 877	6.603 605	8.241 877	3.396 395	0.000 000	977
024	6.622 089	8.241 877	6.622 089	8.241 877	3.377 911	0.000 000	976
025	6.639 817	8.241 877	6.639 817	8.241 877	3.360 183	0.000 000	975
026	6.656 851	8.241 877	6.656 851	8.241 877	3.343 149	0.000 000	974
027	6.673 241	8.241 877	6.673 241	8.241 877	3.326 759	0.000 000	973
028	6.689 035	8.241 877	6.689 035	8.241 877	3.310 965	0.000 000	972
029	6.704 275	8.241 877	6.704 275	8.241 877	3.295 725	0.000 000	971
.030	6.718 999	8.241 877	6.718 999	8.241 877	3.281 001	0.000 000	**.970**
031	6.733 239	8.241 877	6.733 239	8.241 877	3.266 761	0.000 000	969
032	6.747 027	8.241 877	6.747 027	8.241 877	3.252 973	0.000 000	968
033	6.760 391	8.241 877	6.760 391	8.241 877	3.239 609	0.000 000	967
034	6.773 356	8.241 877	6.773 356	8.241 877	3.226 644	0.000 000	966
035	6.785 945	8.241 877	6.785 945	8.241 877	3.214 055	0.000 000	965
036	6.798 180	8.241 877	6.798 180	8.241 877	3.201 820	0.000 000	964
037	6.810 079	8.241 877	6.810 079	8.241 877	3.189 921	0.000 000	963
038	6.821 661	8.241 877	6.821 661	8.241 877	3.178 339	0.000 000	962
039	6.832 942	8.241 877	6.832 942	8.241 877	3.167 058	0.000 000	961
.040	6.843 937	8.241 877	6.843 937	8.241 877	3.156 063	0.000 000	**.960**
041	6.854 661	8.241 877	6.854 661	8.241 877	3.145 339	0.000 000	959
042	6.865 127	8.241 877	6.865 127	8.241 877	3.134 873	0.000 000	958
043	6.875 346	8.241 877	6.875 346	8.241 877	3.124 654	0.000 000	957
044	6.885 330	8.241 877	6.885 330	8.241 877	3.114 670	0.000 000	956
045	6.895 090	8.241 877	6.895 090	8.241 877	3.104 910	0.000 000	955
046	6.904 635	8.241 877	6.904 635	8.241 877	3.095 365	0.000 000	954
047	6.913 975	8.241 877	6.913 975	8.241 877	3.086 025	0.000 000	953
048	6.923 119	8.241 877	6.923 119	8.241 877	3.076 881	0.000 000	952
049	6.932 073	8.241 877	6.932 074	8.241 877	3.067 926	0.000 000	951
.050	6.940 847	8.241 877	6.940 847	8.241 877	3.059 153	0.000 000	**.950**
	cos		cotg		tang	sin	**89°**

90°.000 — 89°.950

$0^\circ.050 - 0^\circ.100$

0°	sin	S	tang	T	cotg	cos	
.050	6.940 847	8.241 877	6.940 847	8.241 877	3.059 153	0.000 000	**.950**
051	6.949 447	8.241 877	6.949 448	8.241 877	3.050 552	0.000 000	949
052	6.957 881	8.241 877	6.957 881	8.241 877	3.042 119	0.000 000	948
053	6.966 153	8.241 877	6.966 153	8.241 877	3.033 847	0.000 000	947
054	6.974 271	8.241 877	6.974 271	8.241 877	3.025 729	0.000 000	946
055	6.982 240	8.241 877	6.982 240	8.241 878	3.017 760	0.000 000	945
056	6.990 065	8.241 877	6.990 066	8.241 878	3.009 934	0.000 000	944
057	6.997 752	8.241 877	6.997 752	8.241 878	3.002 248	0.000 000	943
058	7.005 305	8.241 877	7.005 306	8.241 878	2.994 694	0.000 000	942
059	7.012 729	8.241 877	7.012 730	8.241 878	2.987 270	0.000 000	941
.060	7.020 029	8.241 877	7.020 029	8.241 878	2.979 971	0.000 000	**.940**
061	7.027 207	8.241 877	7.027 207	8.241 878	2.972 793	0.000 000	939
062	7.034 269	8.241 877	7.034 269	8.241 878	2.965 731	0.000 000	938
063	7.041 218	8.241 877	7.041 218	8.241 878	2.958 782	0.000 000	937
064	7.048 057	8.241 877	7.048 058	8.241 878	2.951 942	0.000 000	936
065	7.054 791	8.241 877	7.054 791	8.241 878	2.945 209	0.000 000	935
066	7.061 421	8.241 877	7.061 421	8.241 878	2.938 579	0.000 000	934
067	7.067 952	8.241 877	7.067 952	8.241 878	2.932 048	0.000 000	933
068	7.074 386	8.241 877	7.074 386	8.241 878	2.925 614	0.000 000	932
069	7.080 726	8.241 877	7.080 727	8.241 878	2.919 273	0.000 000	931
.070	7.086 975	8.241 877	7.086 976	8.241 878	2.913 024	0.000 000	**.930**
071	7.093 136	8.241 877	7.093 136	8.241 878	2.906 864	0.000 000	929
072	7.099 210	8.241 877	7.099 210	8.241 878	2.900 790	0.000 000	928
073	7.105 200	8.241 877	7.105 200	8.241 878	2.894 800	0.000 000	927
074	7.111 109	8.241 877	7.111 109	8.241 878	2.888 891	0.000 000	926
075	7.116 939	8.241 877	7.116 939	8.241 878	2.883 061	0.000 000	925
076	7.122 691	8.241 877	7.122 691	8.241 878	2.877 309	0.000 000	924
077	7.128 368	8.241 877	7.128 368	8.241 878	2.871 632	0.000 000	923
078	7.133 972	8.241 877	7.133 972	8.241 878	2.866 028	0.000 000	922
079	7.139 504	8.241 877	7.139 505	8.241 878	2.860 495	0.000 000	921
.080	7.144 967	8.241 877	7.144 968	8.241 878	2.855 032	0.000 000	**.920**
081	7.150 362	8.241 877	7.150 363	8.241 878	2.849 637	0.000 000	919
082	7.155 691	8.241 877	7.155 692	8.241 878	2.844 308	0.000 000	918
083	7.160 955	8.241 877	7.160 956	8.241 878	2.839 044	0.000 000	917
084	7.166 156	8.241 877	7.166 157	8.241 878	2.833 843	0.000 000	916
085	7.171 296	8.241 877	7.171 297	8.241 878	2.828 703	0.000 000	915
086	7.176 376	8.241 877	7.176 376	8.241 878	2.823 624	0.000 000	914
087	7.181 396	8.241 877	7.181 397	8.241 878	2.818 603	9.999 999	913
088	7.186 360	8.241 877	7.186 360	8.241 878	2.813 640	9.999 999	912
089	7.191 267	8.241 877	7.191 268	8.241 878	2.808 732	9.999 999	911
.090	7.196 120	8.241 877	7.196 120	8.241 878	2.803 880	9.999 999	**.910**
091	7.200 919	8.241 877	7.200 919	8.241 878	2.799 081	9.999 999	909
092	7.205 665	8.241 877	7.205 666	8.241 878	2.794 334	9.999 999	908
093	7.210 360	8.241 877	7.210 361	8.241 878	2.789 639	9.999 999	907
094	7.215 005	8.241 877	7.215 006	8.241 878	2.784 994	9.999 999	906
095	7.219 601	8.241 877	7.219 601	8.241 878	2.780 399	9.999 999	905
096	7.224 148	8.241 877	7.224 149	8.241 878	2.775 851	9.999 999	904
097	7.228 649	8.241 877	7.228 650	8.241 878	2.771 350	9.999 999	903
098	7.233 103	8.241 877	7.233 104	8.241 878	2.766 896	9.999 999	902
099	7.237 512	8.241 877	7.237 513	8.241 878	2.762 487	9.999 999	901
.100	7.241 877	8.241 877	7.241 878	8.241 878	2.758 122	9.999 999	**.900**
	cos		cotg		tang	sin	89°

$89^\circ.950 - 89^\circ.900$

$0^\circ.100 - 0^\circ.150$

0°	sin	S	tang	T	cotg	cos	
.100	7.241 877	8.241 877	7.241 878	8.241 878	2.758 122	9.999 999	**.900**
101	7.246 199	8.241 877	7.246 199	8.241 878	2.753 801	9.999 999	899
102	7.250 477	8.241 877	7.250 478	8.241 878	2.749 522	9.999 999	898
103	7.254 714	8.241 877	7.254 715	8.241 878	2.745 285	9.999 999	897
104	7.258 910	8.241 877	7.258 911	8.241 878	2.741 089	9.999 999	896
105	7.263 066	8.241 877	7.263 067	8.241 878	2.736 933	9.999 999	895
106	7.267 183	8.241 877	7.267 184	8.241 878	2.732 816	9.999 999	894
107	7.271 261	8.241 877	7.271 262	8.241 878	2.728 738	9.999 999	893
108	7.275 301	8.241 877	7.275 302	8.241 878	2.724 698	9.999 999	892
109	7.279 304	8.241 877	7.279 304	8.241 878	2.720 696	9.999 999	891
.110	7.283 270	8.241 877	7.283 271	8.241 878	2.716 729	9.999 999	**.890**
111	7.287 200	8.241 877	7.287 201	8.241 878	2.712 799	9.999 999	889
112	7.291 095	8.241 877	7.291 096	8.241 878	2.708 904	9.999 999	888
113	7.294 956	8.241 877	7.294 956	8.241 878	2.705 044	9.999 999	887
114	7.298 782	8.241 877	7.298 783	8.241 878	2.701 217	9.999 999	886
115	7.302 575	8.241 877	7.302 576	8.241 878	2.697 424	9.999 999	885
116	7.306 335	8.241 877	7.306 336	8.241 878	2.693 664	9.999 999	884
117	7.310 063	8.241 877	7.310 064	8.241 878	2.689 936	9.999 999	883
118	7.313 759	8.241 877	7.313 760	8.241 878	2.686 240	9.999 999	882
119	7.317 424	8.241 877	7.317 425	8.241 878	2.682 575	9.999 999	881
.120	7.321 058	8.241 877	7.321 059	8.241 878	2.678 941	9.999 999	**.880**
121	7.324 662	8.241 877	7.324 663	8.241 878	2.675 337	9.999 999	879
122	7.328 237	8.241 877	7.328 238	8.241 878	2.671 762	9.999 999	878
123	7.331 782	8.241 877	7.331 783	8.241 878	2.668 217	9.999 999	877
124	7.335 299	8.241 877	7.335 300	8.241 878	2.664 700	9.999 999	876
125	7.338 787	8.241 877	7.338 788	8.241 878	2.661 212	9.999 999	875
126	7.342 248	8.241 877	7.342 249	8.241 878	2.657 751	9.999 999	874
127	7.345 681	8.241 877	7.345 682	8.241 878	2.654 318	9.999 999	873
128	7.349 087	8.241 877	7.349 088	8.241 878	2.650 912	9.999 999	872
129	7.352 467	8.241 877	7.352 468	8.241 878	2.647 532	9.999 999	871
.130	7.355 820	8.241 877	7.355 821	8.241 878	2.644 179	9.999 999	**.870**
131	7.359 148	8.241 877	7.359 149	8.241 878	2.640 851	9.999 999	869
132	7.362 451	8.241 877	7.362 452	8.241 878	2.637 548	9.999 999	868
133	7.365 729	8.241 877	7.365 730	8.241 878	2.634 270	9.999 999	867
134	7.368 982	8.241 877	7.368 983	8.241 878	2.631 017	9.999 999	866
135	7.372 211	8.241 877	7.372 212	8.241 878	2.627 788	9.999 999	865
136	7.375 416	8.241 877	7.375 417	8.241 878	2.624 583	9.999 999	864
137	7.378 598	8.241 877	7.378 599	8.241 878	2.621 401	9.999 999	863
138	7.381 756	8.241 877	7.381 757	8.241 878	2.618 243	9.999 999	862
139	7.384 892	8.241 877	7.384 893	8.241 878	2.615 107	9.999 999	861
.140	7.388 005	8.241 877	7.388 006	8.241 878	2.611 994	9.999 999	**.860**
141	7.391 096	8.241 877	7.391 097	8.241 878	2.608 903	9.999 999	859
142	7.394 165	8.241 877	7.394 167	8.241 878	2.605 833	9.999 999	858
143	7.397 213	8.241 877	7.397 214	8.241 878	2.602 786	9.999 999	857
144	7.400 239	8.241 877	7.400 241	8.241 878	2.599 759	9.999 999	856
145	7.403 245	8.241 877	7.403 246	8.241 878	2.596 754	9.999 999	855
146	7.406 230	8.241 877	7.406 231	8.241 878	2.593 769	9.999 999	854
147	7.409 194	8.241 877	7.409 196	8.241 878	2.590 804	9.999 999	853
148	7.412 139	8.241 877	7.412 140	8.241 878	2.587 860	9.999 999	852
149	7.415 063	8.241 877	7.415 065	8.241 878	2.584 935	9.999 999	851
.150	7.417 968	8.241 877	7.417 970	8.241 878	2.582 030	9.999 999	**.850**
	cos		cotg		tang	sin	89°

$89^\circ.900 - 89^\circ.850$

$0^\circ.150 - 0^\circ.200$

0°	sin	S	tang	T	cotg	cos	
.150	7.417 968	8.241 877	7.417 970	8.241 878	2.582 030	9.999 999	**.850**
151	7.420 854	8.241 877	7.420 855	8.241 878	2.579 145	9.999 998	849
152	7.423 720	8.241 877	7.423 722	8.241 878	2.576 278	9.999 998	848
153	7.426 568	8.241 877	7.426 570	8.241 878	2.573 430	9.999 998	847
154	7.429 398	8.241 877	7.429 399	8.241 878	2.570 601	9.999 998	846
155	7.432 209	8.241 877	7.432 210	8.241 878	2.567 790	9.999 998	845
156	7.435 001	8.241 877	7.435 003	8.241 878	2.564 997	9.999 998	844
157	7.437 776	8.241 877	7.437 778	8.241 878	2.562 222	9.999 998	843
158	7.440 534	8.241 877	7.440 536	8.241 878	2.559 464	9.999 998	842
159	7.443 274	8.241 877	7.443 276	8.241 878	2.556 724	9.999 998	841
.160	7.445 997	8.241 877	7.445 998	8.241 878	2.554 002	9.999 998	**.840**
161	7.448 703	8.241 877	7.448 704	8.241 879	2.551 296	9.999 998	839
162	7.451 392	8.241 877	7.451 394	8.241 879	2.548 606	9.999 998	838
163	7.454 064	8.241 877	7.454 066	8.241 879	2.545 934	9.999 998	837
164	7.456 721	8.241 877	7.456 722	8.241 879	2.543 278	9.999 998	836
165	7.459 361	8.241 877	7.459 363	8.241 879	2.540 637	9.999 998	835
166	7.461 985	8.241 877	7.461 987	8.241 879	2.538 013	9.999 998	834
167	7.464 593	8.241 877	7.464 595	8.241 879	2.535 405	9.999 998	833
168	7.467 186	8.241 877	7.467 188	8.241 879	2.532 812	9.999 998	832
169	7.469 763	8.241 877	7.469 765	8.241 879	2.530 235	9.999 998	831
.170	7.472 326	8.241 877	7.472 328	8.241 879	2.527 672	9.999 998	**.830**
171	7.474 873	8.241 877	7.474 875	8.241 879	2.525 125	9.999 998	829
172	7.477 405	8.241 877	7.477 407	8.241 879	2.522 593	9.999 998	828
173	7.479 923	8.241 877	7.479 925	8.241 879	2.520 075	9.999 998	827
174	7.482 426	8.241 877	7.482 428	8.241 879	2.517 572	9.999 998	826
175	7.484 915	8.241 877	7.484 917	8.241 879	2.515 083	9.999 998	825
176	7.487 389	8.241 877	7.487 391	8.241 879	2.512 609	9.999 998	824
177	7.489 850	8.241 877	7.489 852	8.241 879	2.510 148	9.999 998	823
178	7.492 297	8.241 877	7.492 299	8.241 879	2.507 701	9.999 998	822
179	7.494 730	8.241 877	7.494 732	8.241 879	2.505 268	9.999 998	821
.180	7.497 149	8.241 877	7.497 151	8.241 879	2.502 849	9.999 998	**.820**
181	7.499 555	8.241 877	7.499 557	8.241 879	2.500 443	9.999 998	819
182	7.501 948	8.241 877	7.501 950	8.241 879	2.498 050	9.999 998	818
183	7.504 328	8.241 877	7.504 330	8.241 879	2.495 670	9.999 998	817
184	7.506 694	8.241 877	7.506 697	8.241 879	2.493 303	9.999 998	816
185	7.509 048	8.241 877	7.509 051	8.241 879	2.490 949	9.999 998	815
186	7.511 390	8.241 877	7.511 392	8.241 879	2.488 608	9.999 998	814
187	7.513 718	8.241 877	7.513 721	8.241 879	2.486 279	9.999 998	813
188	7.516 034	8.241 877	7.516 037	8.241 879	2.483 963	9.999 998	812
189	7.518 338	8.241 877	7.518 341	8.241 879	2.481 659	9.999 998	811
.190	7.520 630	8.241 877	7.520 633	8.241 879	2.479 367	9.999 998	**.810**
191	7.522 910	8.241 877	7.522 912	8.241 879	2.477 088	9.999 998	809
192	7.525 178	8.241 877	7.525 180	8.241 879	2.474 820	9.999 998	808
193	7.527 434	8.241 877	7.527 436	8.241 879	2.472 564	9.999 998	807
194	7.529 678	8.241 877	7.529 681	8.241 879	2.470 319	9.999 998	806
195	7.531 911	8.241 877	7.531 914	8.241 879	2.468 086	9.999 997	805
196	7.534 133	8.241 877	7.534 135	8.241 879	2.465 865	9.999 997	804
197	7.536 343	8.241 877	7.536 345	8.241 879	2.463 655	9.999 997	803
198	7.538 542	8.241 877	7.538 544	8.241 879	2.461 456	9.999 997	802
199	7.540 730	8.241 876	7.540 732	8.241 879	2.459 268	9.999 997	801
.200	7.542 906	8.241 876	7.542 909	8.241 879	2.457 091	9.999 997	**.800**
	cos		cotg		tang	sin	**89°**

$89^\circ.850 - 89^\circ.800$

0°.200 — 0°.250

0°	sin	d	S	tang	d	T	cotg	cos	
.200	7·542 906		8.241 876	7·542 909		8.241 879	2.457 091	9.999 997	**.800**
		2167			2166				
201	7·545 073		8.241 876	7·545 075		8.241 879	2.454 925	9.999 997	799
202	7·547 228	2155	8.241 876	7·547 231	2156	8.241 879	2.452 769	9.999 997	798
203	7·549 372	2144	8.241 876	7·549 375	2144	8.241 879	2.450 625	9.999 997	797
		2135			2134				
204	7·551 507		8.241 876	7·551 509		8.241 879	2.448 491	9.999 997	796
205	7·553 630	2123	8.241 876	7·553 633	2124	8.241 879	2.446 367	9.999 997	795
206	7·555 744	2114	8.241 876	7·555 746	2113	8.241 879	2.444 254	9.999 997	794
		2103			2104				
207	7·557 847		8.241 876	7·557 850		8.241 879	2.442 150	9.999 997	793
208	7·559 940	2093	8.241 876	7·559 943	2093	8.241 879	2.440 057	9.999 997	792
209	7·562 023	2083	8.241 876	7·562 026	2083	8.241 879	2.437 974	9.999 997	791
		2073			2073				
.210	7·564 096		8.241 876	7·564 099		8.241 879	2.435 901	9.999 997	**.790**
		2063			2063				
211	7·566 159		8.241 876	7·566 162		8.241 879	2.433 838	9.999 997	789
212	7·568 212	2053	8.241 876	7·568 215	2053	8.241 879	2.431 785	9.999 997	788
213	7·570 256	2044	8.241 876	7·570 259	2044	8.241 879	2.429 741	9.999 997	787
		2034			2034				
214	7·572 290		8.241 876	7·572 293		8.241 879	2.427 707	9.999 997	786
215	7·574 315	2025	8.241 876	7·574 318	2025	8.241 879	2.425 682	9.999 997	785
216	7·576 330	2015	8.241 876	7·576 333	2015	8.241 879	2.423 667	9.999 997	784
		2006			2006				
217	7·578 336		8.241 876	7·578 339		8.241 879	2.421 661	9.999 997	783
218	7·580 333	1997	8.241 876	7·580 336	1997	8.241 879	2.419 664	9.999 997	782
219	7·582 320	1987	8.241 876	7·582 324	1988	8.241 879	2.417 676	9.999 997	781
		1979			1978				
.220	7·584 299		8.241 876	7·584 302		8.241 880	2.415 698	9.999 997	**.780**
		1970			1970				
221	7·586 269		8.241 876	7·586 272		8.241 880	2.413 728	9.999 997	779
222	7·588 229	1960	8.241 876	7·588 233	1961	8.241 880	2.411 767	9.999 997	778
223	7·590 181	1952	8.241 876	7·590 184	1951	8.241 880	2.409 816	9.999 997	777
		1943			1944				
224	7·592 124		8.241 876	7·592 128		8.241 880	2.407 872	9.999 997	776
225	7·594 059	1935	8.241 876	7·594 062	1934	8.241 880	2.405 938	9.999 997	775
226	7·595 985	1926	8.241 876	7·595 988	1926	8.241 880	2.404 012	9.999 997	774
		1917			1917				
227	7·597 902		8.241 876	7·597 905		8.241 880	2.402 095	9.999 997	773
228	7·599 811	1909	8.241 876	7·599 815	1910	8.241 880	2.400 185	9.999 997	772
229	7·601 712	1901	8.241 876	7·601 715	1900	8.241 880	2.398 285	9.999 997	771
		1892			1893				
.230	7·603 604		8.241 876	7·603 608		8.241 880	2.396 392	9.999 997	**.770**
		1884			1884				
231	7·605 488		8.241 876	7·605 492		8.241 880	2.394 508	9.999 996	769
232	7·607 364	1876	8.241 876	7·607 368	1876	8.241 880	2.392 632	9.999 996	768
233	7·609 232	1868	8.241 876	7·609 236	1868	8.241 880	2.390 764	9.999 996	767
		1860			1860				
234	7·611 092		8.241 876	7·611 096		8.241 880	2.388 904	9.999 996	766
235	7·612 944	1852	8.241 876	7·612 948	1852	8.241 880	2.387 052	9.999 996	765
236	7·614 788	1844	8.241 876	7·614 792	1844	8.241 880	2.385 208	9.999 996	764
		1836			1836				
237	7·616 624		8.241 876	7·616 628		8.241 880	2.383 372	9.999 996	763
238	7·618 453	1829	8.241 876	7·618 457	1829	8.241 880	2.381 543	9.999 996	762
239	7·620 274	1821	8.241 876	7·620 278	1821	8.241 880	2.379 722	9.999 996	761
		1813			1813				
.240	7·622 087		8.241 876	7·622 091		8.241 880	2.377 909	9.999 996	**.760**
		1806			1806				
241	7·623 893		8.241 876	7·623 897		8.241 880	2.376 103	9.999 996	759
242	7·625 691	1798	8.241 876	7·625 695	1798	8.241 880	2.374 305	9.999 996	758
243	7·627 482	1791	8.241 876	7·627 486	1791	8.241 880	2.372 514	9.999 996	757
		1784			1784				
244	7·629 266		8.241 876	7·629 270		8.241 880	2.370 730	9.999 996	756
245	7·631 042	1776	8.241 876	7·631 046	1776	8.241 880	2.368 954	9.999 996	755
246	7·632 811	1769	8.241 876	7·632 815	1769	8.241 880	2.367 185	9.999 996	754
		1762			1762				
247	7·634 573		8.241 876	7·634 577		8.241 880	2.365 423	9.999 996	753
248	7·636 328	1755	8.241 876	7·636 332	1755	8.241 880	2.363 668	9.999 996	752
249	7·638 075	1747	8.241 876	7·638 079	1747	8.241 880	2.361 921	9.999 996	751
		1741			1741				
.250	7·639 816		8.241 876	7·639 820		8.241 880	2.360 180	9.999 996	**.750**
	cos	d		cotg	d		tang	sin	**89°**

89°.800 — 89°.750

0°.250 — 0°.300

0°	sin	d	S	tang	d	T	cotg	cos	
.250	7.639 816		8.241 876	7.639 820		8.241 880	2.360 180	9.999 996	**.750**
		1734			1734				
251	7.641 550		8.241 876	7.641 554		8.241 880	2.358 446	9.999 996	749
		1727			1727				
252	7.643 277		8.241 876	7.643 281		8.241 880	2.356 719	9.999 996	748
		1719			1720				
253	7.644 996		8.241 876	7.645 001		8.241 880	2.354 999	9.999 996	747
		1714			1713				
254	7.646 710		8.241 876	7.646 714		8.241 880	2.353 286	9.999 996	746
		1706			1706				
255	7.648 416		8.241 876	7.648 420		8.241 880	2.351 580	9.999 996	745
		1700			1700				
256	7.650 116		8.241 876	7.650 120		8.241 880	2.349 880	9.999 996	744
		1693			1693				
257	7.651 809		8.241 876	7.651 813		8.241 880	2.348 187	9.999 996	743
		1687			1687				
258	7.653 496		8.241 876	7.653 500		8.241 880	2.346 500	9.999 996	742
		1680			1680				
259	7.655 176		8.241 876	7.655 180		8.241 880	2.344 820	9.999 996	741
		1673			1674				
.260	7.656 849		8.241 876	7.656 854		8.241 880	2.343 146	9.999 996	**.740**
		1667			1667				
261	7.658 516		8.241 876	7.658 521		8.241 880	2.341 479	9.999 995	739
		1661			1661				
262	7.660 177		8.241 876	7.660 182		8.241 880	2.339 818	9.999 995	738
		1655			1654				
263	7.661 832		8.241 876	7.661 836		8.241 880	2.338 164	9.999 995	737
		1648			1648				
264	7.663 480		8.241 876	7.663 484		8.241 880	2.336 516	9.999 995	736
		1642			1642				
265	7.665 122		8.241 876	7.665 126		8.241 880	2.334 874	9.999 995	735
		1635			1636				
266	7.666 757		8.241 876	7.666 762		8.241 880	2.333 238	9.999 995	734
		1630			1630				
267	7.668 387		8.241 876	7.668 392		8.241 881	2.331 608	9.999 995	733
		1624			1623				
268	7.670 011		8.241 876	7.670 015		8.241 881	2.329 985	9.999 995	732
		1617			1618				
269	7.671 628		8.241 876	7.671 633		8.241 881	2.328 367	9.999 995	731
		1612			1611				
.270	7.673 240		8.241 876	7.673 244		8.241 881	2.326 756	9.999 995	**.730**
		1605			1606				
271	7.674 845		8.241 876	7.674 850		8.241 881	2.325 150	9.999 995	729
		1600			1600				
272	7.676 445		8.241 876	7.676 450		8.241 881	2.323 550	9.999 995	728
		1593			1593				
273	7.678 038		8.241 876	7.678 043		8.241 881	2.321 957	9.999 995	727
		1588			1588				
274	7.679 626		8.241 876	7.679 631		8.241 881	2.320 369	9.999 995	726
		1582			1582				
275	7.681 208		8.241 876	7.681 213		8.241 881	2.318 787	9.999 995	725
		1577			1577				
276	7.682 785		8.241 876	7.682 790		8.241 881	2.317 210	9.999 995	724
		1570			1571				
277	7.684 355		8.241 876	7.684 361		8.241 881	2.315 639	9.999 995	723
		1565			1565				
278	7.685 920		8.241 876	7.685 926		8.241 881	2.314 074	9.999 995	722
		1560			1559				
279	7.687 480		8.241 876	7.687 485		8.241 881	2.312 515	9.999 995	721
		1554			1554				
.280	7.689 034		8.241 876	7.689 039		8.241 881	2.310 961	9.999 995	**.720**
		1548			1548				
281	7.690 582		8.241 876	7.690 587		8.241 881	2.309 413	9.999 995	719
		1543			1543				
282	7.692 125		8.241 876	7.692 130		8.241 881	2.307 870	9.999 995	718
		1537			1537				
283	7.693 662		8.241 876	7.693 667		8.241 881	2.306 333	9.999 995	717
		1532			1532				
284	7.695 194		8.241 876	7.695 199		8.241 881	2.304 801	9.999 995	716
		1526			1527				
285	7.696 720		8.241 876	7.696 726		8.241 881	2.303 274	9.999 995	715
		1522			1521				
286	7.698 242		8.241 876	7.698 247		8.241 881	2.301 753	9.999 995	714
		1515			1516				
287	7.699 757		8.241 876	7.699 763		8.241 881	2.300 237	9.999 995	713
		1511			1511				
288	7.701 268		8.241 876	7.701 274		8.241 881	2.298 726	9.999 995	712
		1505			1505				
289	7.702 773		8.241 876	7.702 779		8.241 881	2.297 221	9.999 994	711
		1501			1500				
.290	7.704 274		8.241 876	7.704 279		8.241 881	2.295 721	9.999 994	**.710**
		1494			1495				
291	7.705 768		8.241 876	7.705 774		8.241 881	2.294 226	9.999 994	709
		1490			1490				
292	7.707 258		8.241 875	7.707 264		8.241 881	2.292 736	9.999 994	708
		1485			1485				
293	7.708 743		8.241 875	7.708 749		8.241 881	2.291 251	9.999 994	707
		1480			1480				
294	7.710 223		8.241 875	7.710 229		8.241 881	2.289 771	9.999 994	706
		1474			1474				
295	7.711 697		8.241 875	7.711 703		8.241 881	2.288 297	9.999 994	705
		1470			1470				
296	7.713 167		8.241 875	7.713 173		8.241 881	2.286 827	9.999 994	704
		1465			1465				
297	7.714 632		8.241 875	7.714 638		8.241 881	2.285 362	9.999 994	703
		1460			1460				
298	7.716 092		8.241 875	7.716 098		8.241 881	2.283 902	9.999 994	702
		1455			1454				
299	7.717 547		8.241 875	7.717 552		8.241 881	2.282 448	9.999 994	701
		1450			1451				
.300	7.718 997		8.241 875	7.719 003		8.241 881	2.280 997	9.999 994	**.700**
	cos	d		cotg	d		tang	sin	**89°**

89°.750 — 89°.700

0°.300 — 0°.350

0°	sin	d	S	tang	d	T	cotg	cos	
.300	7.718 997		8.241 875	7.719 003		8.241 881	2.280 997	9.999 994	**.700**
		1445			1445				
301	7.720 442		8.241 875	7.720 448		8.241 881	2.279 552	9.999 994	699
302	7.721 882	1440	8.241 875	7.721 888	1440	8.241 881	2.278 112	9.999 994	698
303	7.723 318	1436	8.241 875	7.723 324	1436	8.241 881	2.276 676	9.999 994	697
		1431			1431				
304	7.724 749		8.241 875	7.724 755		8.241 881	2.275 245	9.999 994	696
305	7.726 175	1426	8.241 875	7.726 181	1426	8.241 881	2.273 819	9.999 994	695
306	7.727 597	1422	8.241 875	7.727 603	1422	8.241 881	2.272 397	9.999 994	694
		1417			1417				
307	7.729 014		8.241 875	7.729 020		8.241 882	2.270 980	9.999 994	693
308	7.730 426	1412	8.241 875	7.730 432	1412	8.241 882	2.269 568	9.999 994	692
309	7.731 834	1408	8.241 875	7.731 840	1408	8.241 882	2.268 160	9.999 994	691
		1403			1403				
.310	7.733 237		8.241 875	7.733 243		8.241 882	2.266 757	9.999 994	**.690**
		1399			1399				
311	7.734 636		8.241 875	7.734 642		8.241 882	2.265 358	9.999 994	689
312	7.736 030	1394	8.241 875	7.736 036	1394	8.241 882	2.263 964	9.999 994	688
313	7.737 420	1390	8.241 875	7.737 426	1390	8.241 882	2.262 574	9.999 994	687
		1385			1385				
314	7.738 805		8.241 875	7.738 811		8.241 882	2.261 189	9.999 993	686
315	7.740 186	1381	8.241 875	7.740 192	1381	8.241 882	2.259 808	9.999 993	685
316	7.741 562	1376	8.241 875	7.741 569	1377	8.241 882	2.258 431	9.999 993	684
		1372			1372				
317	7.742 934		8.241 875	7.742 941		8.241 882	2.257 059	9.999 993	683
318	7.744 302	1368	8.241 875	7.744 309	1368	8.241 882	2.255 691	9.999 993	682
319	7.745 666	1364	8.241 875	7.745 673	1364	8.241 882	2.254 327	9.999 993	681
		1359			1359				
.320	7.747 025		8.241 875	7.747 032		8.241 882	2.252 968	9.999 993	**.680**
		1355			1355				
321	7.748 380		8.241 875	7.748 387		8.241 882	2.251 613	9.999 993	679
322	7.749 731	1351	8.241 875	7.749 738	1351	8.241 882	2.250 262	9.999 993	678
323	7.751 078	1347	8.241 875	7.751 084	1346	8.241 882	2.248 916	9.999 993	677
		1342			1343				
324	7.752 420		8.241 875	7.752 427		8.241 882	2.247 573	9.999 993	676
325	7.753 758	1338	8.241 875	7.753 765	1338	8.241 882	2.246 235	9.999 993	675
326	7.755 093	1335	8.241 875	7.755 100	1335	8.241 882	2.244 900	9.999 993	674
		1330			1330				
327	7.756 423		8.241 875	7.756 430		8.241 882	2.243 570	9.999 993	673
328	7.757 749	1326	8.241 875	7.757 756	1326	8.241 882	2.242 244	9.999 993	672
329	7.759 071	1322	8.241 875	7.759 078	1322	8.241 882	2.240 922	9.999 993	671
		1318			1318				
.330	7.760 389		8.241 875	7.760 396		8.241 882	2.239 604	9.999 993	**.670**
		1314			1314				
331	7.761 703		8.241 875	7.761 710		8.241 882	2.238 290	9.999 993	669
332	7.763 013	1310	8.241 875	7.763 020	1310	8.241 882	2.236 980	9.999 993	668
333	7.764 319	1306	8.241 875	7.764 326	1306	8.241 882	2.235 674	9.999 993	667
		1302			1303				
334	7.765 621		8.241 875	7.765 629		8.241 882	2.234 371	9.999 993	666
335	7.766 920	1299	8.241 875	7.766 927	1298	8.241 882	2.233 073	9.999 993	665
336	7.768 214	1294	8.241 875	7.768 222	1295	8.241 882	2.231 778	9.999 993	664
		1291			1290				
337	7.769 505		8.241 875	7.769 512		8.241 882	2.230 488	9.999 992	663
338	7.770 792	1287	8.241 875	7.770 799	1287	8.241 882	2.229 201	9.999 992	662
339	7.772 075	1283	8.241 875	7.772 082	1283	8.241 882	2.227 918	9.999 992	661
		1279			1279				
.340	7.773 354		8.241 875	7.773 361		8.241 882	2.226 639	9.999 992	**.660**
		1275			1276				
341	7.774 629		8.241 875	7.774 637		8.241 882	2.225 363	9.999 992	659
342	7.775 901	1272	8.241 875	7.775 909	1272	8.241 883	2.224 091	9.999 992	658
343	7.777 169	1268	8.241 875	7.777 177	1268	8.241 883	2.222 823	9.999 992	657
		1264			1264				
344	7.778 433		8.241 875	7.778 441		8.241 883	2.221 559	9.999 992	656
345	7.779 694	1261	8.241 875	7.779 702	1261	8.241 883	2.220 298	9.999 992	655
346	7.780 951	1257	8.241 875	7.780 959	1257	8.241 883	2.219 041	9.999 992	654
		1253			1253				
347	7.782 204		8.241 875	7.782 212		8.241 883	2.217 788	9.999 992	653
348	7.783 454	1250	8.241 875	7.783 462	1250	8.241 883	2.216 538	9.999 992	652
349	7.784 700	1246	8.241 875	7.784 708	1246	8.241 883	2.215 292	9.999 992	651
		1243			1243				
.350	7.785 943		8.241 875	7.785 951		8.241 883	2.214 049	9.999 992	**.650**
	cos	d		cotg	d		tang	sin	**89°**

89°.700 — 89°.650

0°.350 — 0°.400

0°	sin	d	S	tang	d	T	cotg	cos	
.350	7.785 943		8.241 875	7.785 951		8.241 883	2.214 049	9.999 992	**.650**
351	7.787 182	1239	8.241 875	7.787 190	1239	8.241 883	2.212 810	9.999 992	649
352	7.788 417	1235	8.241 875	7.788 425	1235	8.241 883	2.211 575	9.999 992	648
353	7.789 649	1232	8.241 875	7.789 658	1233	8.241 883	2.210 342	9.999 992	647
354	7.790 878	1229	8.241 875	7.790 886	1228	8.241 883	2.209 114	9.999 992	646
355	7.792 103	1225	8.241 875	7.792 111	1225	8.241 883	2.207 889	9.999 992	645
356	7.793 325	1222	8.241 875	7.793 333	1222	8.241 883	2.206 667	9.999 992	644
357	7.794 543	1218	8.241 875	7.794 551	1218	8.241 883	2.205 449	9.999 992	643
358	7.795 758	1215	8.241 875	7.795 766	1215	8.241 883	2.204 234	9.999 992	642
359	7.796 969	1211	8.241 875	7.796 977	1211	8.241 883	2.203 023	9.999 991	641
.360	7.798 177	1208	8.241 875	7.798 186	1209	8.241 883	2.201 814	9.999 991	**.640**
361	7.799 382	1205	8.241 874	7.799 390	1204	8.241 883	2.200 610	9.999 991	639
362	7.800 583	1201	8.241 874	7.800 592	1202	8.241 883	2.199 408	9.999 991	638
363	7.801 781	1198	8.241 874	7.801 790	1198	8.241 883	2.198 210	9.999 991	637
364	7.802 976	1195	8.241 874	7.802 985	1195	8.241 883	2.197 015	9.999 991	636
365	7.804 167	1191	8.241 874	7.804 176	1191	8.241 883	2.195 824	9.999 991	635
366	7.805 355	1188	8.241 874	7.805 364	1188	8.241 883	2.194 636	9.999 991	634
367	7.806 540	1185	8.241 874	7.806 549	1185	8.241 883	2.193 451	9.999 991	633
368	7.807 722	1182	8.241 874	7.807 731	1182	8.241 883	2.192 269	9.999 991	632
369	7.808 901	1179	8.241 874	7.808 910	1179	8.241 883	2.191 090	9.999 991	631
.370	7.810 076	1175	8.241 874	7.810 085	1175	8.241 883	2.189 915	9.999 991	**.630**
371	7.811 248	1172	8.241 874	7.811 257	1172	8.241 883	2.188 743	9.999 991	629
372	7.812 417	1169	8.241 874	7.812 426	1169	8.241 883	2.187 574	9.999 991	628
373	7.813 583	1166	8.241 874	7.813 592	1166	8.241 884	2.186 408	9.999 991	627
374	7.814 746	1163	8.241 874	7.814 755	1163	8.241 884	2.185 245	9.999 991	626
375	7.815 906	1160	8.241 874	7.815 915	1160	8.241 884	2.184 085	9.999 991	625
376	7.817 062	1156	8.241 874	7.817 071	1156	8.241 884	2.182 929	9.999 991	624
377	7.818 216	1154	8.241 874	7.818 225	1154	8.241 884	2.181 775	9.999 991	623
378	7.819 366	1150	8.241 874	7.819 375	1150	8.241 884	2.180 625	9.999 991	622
379	7.820 513	1147	8.241 874	7.820 523	1148	8.241 884	2.179 477	9.999 990	621
.380	7.821 658	1145	8.241 874	7.821 667	1144	8.241 884	2.178 333	9.999 990	**.620**
381	7.822 799	1141	8.241 874	7.822 809	1142	8.241 884	2.177 191	9.999 990	619
382	7.823 938	1139	8.241 874	7.823 947	1138	8.241 884	2.176 053	9.999 990	618
383	7.825 073	1135	8.241 874	7.825 083	1136	8.241 884	2.174 917	9.999 990	617
384	7.826 205	1132	8.241 874	7.826 215	1132	8.241 884	2.173 785	9.999 990	616
385	7.827 335	1130	8.241 874	7.827 345	1130	8.241 884	2.172 655	9.999 990	615
386	7.828 461	1126	8.241 874	7.828 471	1126	8.241 884	2.171 529	9.999 990	614
387	7.829 585	1124	8.241 874	7.829 595	1124	8.241 884	2.170 405	9.999 990	613
388	7.830 706	1121	8.241 874	7.830 716	1121	8.241 884	2.169 284	9.999 990	612
389	7.831 824	1118	8.241 874	7.831 834	1118	8.241 884	2.168 166	9.999 990	611
.390	7.832 939	1115	8.241 874	7.832 949	1115	8.241 884	2.167 051	9.999 990	**.610**
391	7.834 051	1112	8.241 874	7.834 061	1112	8.241 884	2.165 939	9.999 990	609
392	7.835 160	1109	8.241 874	7.835 170	1109	8.241 884	2.164 830	9.999 990	608
393	7.836 267	1107	8.241 874	7.836 277	1107	8.241 884	2.163 723	9.999 990	607
394	7.837 370	1103	8.241 874	7.837 380	1103	8.241 884	2.162 620	9.999 990	606
395	7.838 471	1101	8.241 874	7.838 481	1101	8.241 884	2.161 519	9.999 990	605
396	7.839 569	1098	8.241 874	7.839 579	1098	8.241 884	2.160 421	9.999 990	604
397	7.840 664	1095	8.241 874	7.840 675	1096	8.241 884	2.159 325	9.999 990	603
398	7.841 757	1093	8.241 874	7.841 767	1092	8.241 884	2.158 233	9.999 990	602
399	7.842 847	1090	8.241 874	7.842 857	1090	8.241 884	2.157 143	9.999 989	601
.400	7.843 934	1087	8.241 874	7.843 944	1087	8.241 884	2.156 056	9.999 989	**.600**
	cos	d		cotg	d		tang	sin	**89°**

89°.650 — 89°.600

$0^\circ.400 - 0^\circ.450$

0°	sin	d	tang	d	cotg	cos	d	
.400	7.843 934	1084	7.843 944	1085	2.156 056	9.999 989	0	**.600**
401	7.845 018	1082	7.845 029	1082	2.154 971	9.999 989	0	599
402	7.846 100	1079	7.846 111	1079	2.153 889	9.999 989	0	598
403	7.847 179	1076	7.847 190	1076	2.152 810	9.999 989	0	597
404	7.848 255	1074	7.848 266	1074	2.151 734	9.999 989	0	596
405	7.849 329	1071	7.849 340	1071	2.150 660	9.999 989	0	595
406	7.850 400	1068	7.850 411	1068	2.149 589	9.999 989	0	594
407	7.851 468	1066	7.851 479	1066	2.148 521	9.999 989	0	593
408	7.852 534	1063	7.852 545	1063	2.147 455	9.999 989	0	592
409	7.853 597	1061	7.853 608	1061	2.146 392	9.999 989	0	591
.410	7.854 658	1057	7.854 669	1058	2.145 331	9.999 989	0	**.590**
411	7.855 715	1056	7.855 727	1055	2.144 273	9.999 989	0	589
412	7.856 771	1053	7.856 782	1053	2.143 218	9.999 989	0	588
413	7.857 824	1050	7.857 835	1050	2.142 165	9.999 989	0	587
414	7.858 874	1048	7.858 885	1048	2.141 115	9.999 989	0	586
415	7.859 922	1045	7.859 933	1045	2.140 067	9.999 989	0	585
416	7.860 967	1043	7.860 978	1043	2.139 022	9.999 989	0	584
417	7.862 010	1040	7.862 021	1040	2.137 979	9.999 988	1	583
418	7.863 050	1038	7.863 061	1038	2.136 939	9.999 988	0	582
419	7.864 088	1035	7.864 099	1035	2.135 901	9.999 988	0	581
.420	7.865 123	1033	7.865 134	1033	2.134 866	9.999 988	0	**.580**
421	7.866 156	1030	7.866 167	1031	2.133 833	9.999 988	0	579
422	7.867 186	1028	7.867 198	1028	2.132 802	9.999 988	0	578
423	7.868 214	1025	7.868 226	1025	2.131 774	9.999 988	0	577
424	7.869 239	1023	7.869 251	1023	2.130 749	9.999 988	0	576
425	7.870 262	1021	7.870 274	1021	2.129 726	9.999 988	0	575
426	7.871 283	1018	7.871 295	1018	2.128 705	9.999 988	0	574
427	7.872 301	1016	7.872 313	1016	2.127 687	9.999 988	0	573
428	7.873 317	1014	7.873 329	1014	2.126 671	9.999 988	0	572
429	7.874 331	1011	7.874 343	1011	2.125 657	9.999 988	0	571
.430	7.875 342	1009	7.875 354	1009	2.124 646	9.999 988	0	**.570**
431	7.876 351	1006	7.876 363	1006	2.123 637	9.999 988	0	569
432	7.877 357	1004	7.877 369	1005	2.122 631	9.999 988	0	568
433	7.878 361	1002	7.878 374	1001	2.121 626	9.999 988	0	567
434	7.879 363	999	7.879 375	1000	2.120 625	9.999 988	0	566
435	7.880 362	998	7.880 375	997	2.119 625	9.999 987	1	565
436	7.881 360	995	7.881 372	995	2.118 628	9.999 987	0	564
437	7.882 355	992	7.882 367	993	2.117 633	9.999 987	0	563
438	7.883 347	991	7.883 360	990	2.116 640	9.999 987	0	562
439	7.884 338	988	7.884 350	989	2.115 650	9.999 987	0	561
.440	7.885 326	986	7.885 339	986	2.114 661	9.999 987	0	**.560**
441	7.886 312	983	7.886 325	983	2.113 675	9.999 987	0	559
442	7.887 295	982	7.887 308	982	2.112 692	9.999 987	0	558
443	7.888 277	979	7.888 290	979	2.111 710	9.999 987	0	557
444	7.889 256	977	7.889 269	977	2.110 731	9.999 987	0	556
445	7.890 233	975	7.890 246	975	2.109 754	9.999 987	0	555
446	7.891 208	972	7.891 221	973	2.108 779	9.999 987	0	554
447	7.892 180	971	7.892 194	970	2.107 806	9.999 987	0	553
448	7.893 151	968	7.893 164	969	2.106 836	9.999 987	0	552
449	7.894 119	966	7.894 133	966	2.105 867	9.999 987	0	551
.450	7.895 085		7.895 099		2.104 901	9.999 987		**.550**
	cos	d	cotg	d	tang	sin	d	89°

P.P.

	1085	1080	1075
1	108.5	108.0	107.5
2	217.0	216.0	215.0
3	325.5	324.0	322.5
4	434.0	432.0	430.0
5	542.5	540.0	537.5
6	651.0	648.0	645.0
7	759.5	756.0	752.5
8	868.0	864.0	860.0
9	976.5	972.0	967.5

	1070	1065	1060
1	107.0	106.5	106.0
2	214.0	213.0	212.0
3	321.0	319.5	318.0
4	428.0	426.0	424.0
5	535.0	532.5	530.0
6	642.0	639.0	636.0
7	749.0	745.5	742.0
8	856.0	852.0	848.0
9	963.0	958.5	954.0

	1055	1050	1045
1	105.5	105.0	104.5
2	211.0	210.0	209.0
3	316.5	315.0	313.5
4	422.0	420.0	418.0
5	527.5	525.0	522.5
6	633.0	630.0	627.0
7	738.5	735.0	731.5
8	844.0	840.0	836.0
9	949.5	945.0	940.5

	1040	1030	1020
1	104.0	103.0	102.0
2	208.0	206.0	204.0
3	312.0	309.0	306.0
4	416.0	412.0	408.0
5	520.0	515.0	510.0
6	624.0	618.0	612.0
7	728.0	721.0	714.0
8	832.0	824.0	816.0
9	936.0	927.0	918.0

	1010	1000	995
1	101.0	100.0	99.5
2	202.0	200.0	199.0
3	303.0	300.0	298.5
4	404.0	400.0	398.0
5	505.0	500.0	497.5
6	606.0	600.0	597.0
7	707.0	700.0	696.5
8	808.0	800.0	796.0
9	909.0	900.0	895.5

	990	985	980
1	99.0	98.5	98.0
2	198.0	197.0	196.0
3	297.0	295.5	294.0
4	396.0	394.0	392.0
5	495.0	492.5	490.0
6	594.0	591.0	588.0
7	693.0	689.5	686.0
8	792.0	788.0	784.0
9	891.0	886.5	882.0

	975	970	966
1	97.5	97.0	96.6
2	195.0	194.0	193.2
3	292.5	291.0	289.8
4	390.0	388.0	386.4
5	487.5	485.0	483.0
6	585.0	582.0	579.6
7	682.5	679.0	676.2
8	780.0	776.0	772.8
9	877.5	873.0	869.4

$89^\circ.600 - 89^\circ.550$

$0^\circ.450 - 0^\circ.500$

0°	sin	d	tang	d	cotg	cos	d		P.P.
.450	7.895 085		7.895 099		2.104 901	9.999 987		.550	
		964		964			0		
451	7.896 049		7.896 063		2.103 937	9.999 987		549	
		962		962			1		
452	7.897 011		7.897 025		2.102 975	9.999 986		548	
		960		960			0		
453	7.897 971		7.897 985		2.102 015	9.999 986		547	
		958		957			0		
454	7.898 929		7.898 942		2.101 058	9.999 986		546	
		955		956			0		
455	7.899 884		7.899 898		2.100 102	9.999 986		545	
		954		953			0		
456	7.900 838		7.900 851		2.099 149	9.999 986		544	
		951		952			0		
457	7.901 789		7.901 803		2.098 197	9.999 986		543	
		949		949			0		
458	7.902 738		7.902 752		2.097 248	9.999 986		542	
		947		947			0		
459	7.903 685		7.903 699		2.096 301	9.999 986		541	
		946		946			0		
.460	7.904 631		7.904 645		2.095 355	9.999 986		.540	
		943		943			0		
461	7.905 574		7.905 588		2.094 412	9.999 986		539	
		941		941			0		
462	7.906 515		7.906 529		2.093 471	9.999 986		538	
		939		939			0		
463	7.907 454		7.907 468		2.092 532	9.999 986		537	
		937		937			0		
464	7.908 391		7.908 405		2.091 595	9.999 986		536	
		935		935			0		
465	7.909 326		7.909 340		2.090 660	9.999 986		535	
		932		933			0		
466	7.910 258		7.910 273		2.089 727	9.999 986		534	
		931		931			0		
467	7.911 189		7.911 204		2.088 796	9.999 986		533	
		929		929			0		
468	7.912 118		7.912 133		2.087 867	9.999 986		532	
		927		927			1		
469	7.913 045		7.913 060		2.086 940	9.999 985		531	
		925		925			0		
.470	7.913 970		7.913 985		2.086 015	9.999 985		.530	
		923		923			0		
471	7.914 893		7.914 908		2.085 092	9.999 985		529	
		921		921			0		
472	7.915 814		7.915 829		2.084 171	9.999 985		528	
		920		919			0		
473	7.916 734		7.916 748		2.083 252	9.999 985		527	
		917		918			0		
474	7.917 651		7.917 666		2.082 334	9.999 985		526	
		915		915			0		
475	7.918 566		7.918 581		2.081 419	9.999 985		525	
		913		913			0		
476	7.919 479		7.919 494		2.080 506	9.999 985		524	
		912		912			0		
477	7.920 391		7.920 406		2.079 594	9.999 985		523	
		909		909			0		
478	7.921 300		7.921 315		2.078 685	9.999 985		522	
		908		908			0		
479	7.922 208		7.922 223		2.077 777	9.999 985		521	
		906		906			0		
.480	7.923 114		7.923 129		2.076 871	9.999 985		.520	
		903		904			0		
481	7.924 017		7.924 033		2.075 967	9.999 985		519	
		902		902			0		
482	7.924 919		7.924 935		2.075 065	9.999 985		518	
		900		900			0		
483	7.925 819		7.925 835		2.074 165	9.999 985		517	
		899		898			0		
484	7.926 718		7.926 733		2.073 267	9.999 985		516	
		896		896			1		
485	7.927 614		7.927 629		2.072 371	9.999 984		515	
		894		895			0		
486	7.928 508		7.928 524		2.071 476	9.999 984		514	
		893		893			0		
487	7.929 401		7.929 417		2.070 583	9.999 984		513	
		891		891			0		
488	7.930 292		7.930 308		2.069 692	9.999 984		512	
		889		889			0		
489	7.931 181		7.931 197		2.068 803	9.999 984		511	
		887		887			0		
.490	7.932 068		7.932 084		2.067 916	9.999 984		.510	
		886		885			0		
491	7.932 954		7.932 969		2.067 031	9.999 984		509	
		883		884			0		
492	7.933 837		7.933 853		2.066 147	9.999 984		508	
		882		882			0		
493	7.934 719		7.934 735		2.065 265	9.999 984		507	
		880		880			0		
494	7.935 599		7.935 615		2.064 385	9.999 984		506	
		878		878			0		
495	7.936 477		7.936 493		2.063 507	9.999 984		505	
		877		877			0		
496	7.937 354		7.937 370		2.062 630	9.999 984		504	
		874		875			0		
497	7.938 228		7.938 245		2.061 755	9.999 984		503	
		873		873			0		
498	7.939 101		7.939 118		2.060 882	9.999 984		502	
		871		871			0		
499	7.939 972		7.939 989		2.060 011	9.999 984		501	
		870		869			1		
.500	7.940 842		7.940 858		2.059 142	9.999 983		.500	
	cos	d	cotg	d	tang	sin	d	89°	P.P.

	964	960	955
1	96.4	96.0	95.5
2	192.8	192.0	191.0
3	289.2	288.0	286.5
4	385.6	384.0	382.0
5	482.0	480.0	477.5
6	578.4	576.0	573.0
7	674.8	672.0	668.5
8	771.2	768.0	764.0
9	867.6	864.0	859.5

	950	945	940
1	95.0	94.5	94.0
2	190.0	189.0	188.0
3	285.0	283.5	282.0
4	380.0	378.0	376.0
5	475.0	472.5	470.0
6	570.0	567.0	564.0
7	665.0	661.5	658.0
8	760.0	756.0	752.0
9	855.0	850.5	846.0

	935	930	925
1	93.5	93.0	92.5
2	187.0	186.0	185.0
3	280.5	279.0	277.5
4	374.0	372.0	370.0
5	467.5	465.0	462.5
6	561.0	558.0	555.0
7	654.5	651.0	647.5
8	748.0	744.0	740.0
9	841.5	837.0	832.5

	920	915	910
1	92.0	91.5	91.0
2	184.0	183.0	182.0
3	276.0	274.5	273.0
4	368.0	366.0	364.0
5	460.0	457.5	455.0
6	552.0	549.0	546.0
7	644.0	640.5	637.0
8	736.0	732.0	728.0
9	828.0	823.5	819.0

	905	900	895
1	90.5	90.0	89.5
2	181.0	180.0	179.0
3	271.5	270.0	268.5
4	362.0	360.0	358.0
5	452.5	450.0	447.5
6	543.0	540.0	537.0
7	633.5	630.0	626.5
8	724.0	720.0	716.0
9	814.5	810.0	805.5

	890	885	880
1	89.0	88.5	88.0
2	178.0	177.0	176.0
3	267.0	265.5	264.0
4	356.0	354.0	352.0
5	445.0	442.5	440.0
6	534.0	531.0	528.0
7	623.0	619.5	616.0
8	712.0	708.0	704.0
9	801.0	796.5	792.0

	875	870	869
1	87.5	87.0	86.9
2	175.0	174.0	173.8
3	262.5	261.0	260.7
4	350.0	348.0	347.6
5	437.5	435.0	434.5
6	525.0	522.0	521.4
7	612.5	609.0	608.3
8	700.0	696.0	695.2
9	787.5	783.0	782.1

$89^\circ.550 - 89^\circ.500$

$0^\circ.500 - 0^\circ.550$

0°	sin	d	tang	d	cotg	cos	d	
.500	7·940 842	868	7·940 858	868	2.059 142	9·999 983	0	**.500**
501	7·941 710	866	7·941 726	866	2.058 274	9·999 983	0	499
502	7·942 576	864	7·942 592	865	2.057 408	9·999 983	0	498
503	7·943 440	862	7·943 457	862	2.056 543	9·999 983	0	497
504	7·944 302	861	7·944 319	861	2.055 681	9·999 983	0	496
505	7·945 163	859	7·945 180	859	2.054 820	9·999 983	0	495
506	7·946 022	858	7·946 039	858	2.053 961	9·999 983	0	494
507	7·946 880	855	7·946 897	855	2.053 103	9·999 983	0	493
508	7·947 735	854	7·947 752	855	2.052 248	9·999 983	0	492
509	7·948 589	853	7·948 607	852	2.051 393	9·999 983	0	491
.510	7·949 442	851	7·949 459	851	2.050 541	9·999 983	0	**.490**
511	7·950 293	849	7·950 310	849	2.049 690	9·999 983	0	489
512	7·951 142	847	7·951 159	847	2.048 841	9·999 983	0	488
513	7·951 989	846	7·952 006	846	2.047 994	9·999 983	0	487
514	7·952 835	844	7·952 852	844	2.047 148	9·999 983	0	486
515	7·953 679	842	7·953 696	843	2.046 304	9·999 982	1	485
516	7·954 521	841	7·954 539	841	2.045 461	9·999 982	0	484
517	7·955 362	839	7·955 380	839	2.044 620	9·999 982	0	483
518	7·956 201	838	7·956 219	838	2.043 781	9·999 982	0	482
519	7·957 039	836	7·957 057	836	2.042 943	9·999 982	0	481
.520	7·957 875	834	7·957 893	834	2.042 107	9·999 982	0	**.480**
521	7·958 709	833	7·958 727	833	2.041 273	9·999 982	0	479
522	7·959 542	831	7·959 560	831	2.040 440	9·999 982	0	478
523	7·960 373	830	7·960 391	830	2.039 609	9·999 982	0	477
524	7·961 203	828	7·961 221	828	2.038 779	9·999 982	0	476
525	7·962 031	826	7·962 049	826	2.037 951	9·999 982	0	475
526	7·962 857	825	7·962 875	825	2.037 125	9·999 982	0	474
527	7·963 682	823	7·963 700	824	2.036 300	9·999 982	0	473
528	7·964 505	822	7·964 524	821	2.035 476	9·999 982	1	472
529	7·965 327	820	7·965 345	821	2.034 655	9·999 981	0	471
.530	7·966 147	819	7·966 166	818	2.033 834	9·999 981	0	**.470**
531	7·966 966	817	7·966 984	817	2.033 016	9·999 981	0	469
532	7·967 783	815	7·967 801	816	2.032 199	9·999 981	0	468
533	7·968 598	814	7·968 617	814	2.031 383	9·999 981	0	467
534	7·969 412	813	7·969 431	813	2.030 569	9·999 981	0	466
535	7·970 225	811	7·970 244	811	2.029 756	9·999 981	0	465
536	7·971 036	809	7·971 055	809	2.028 945	9·999 981	0	464
537	7·971 845	808	7·971 864	808	2.028 136	9·999 981	0	463
538	7·972 653	807	7·972 672	807	2.027 328	9·999 981	0	462
539	7·973 460	805	7·973 479	805	2.026 521	9·999 981	0	461
.540	7·974 265	803	7·974 284	804	2.025 716	9·999 981	0	**.460**
541	7·975 068	802	7·975 088	802	2.024 912	9·999 981	0	459
542	7·975 870	801	7·975 890	800	2.024 110	9·999 981	0	458
543	7·976 671	799	7·976 690	799	2.023 310	9·999 980	1	457
544	7·977 470	797	7·977 489	798	2.022 511	9·999 980	0	456
545	7·978 267	796	7·978 287	796	2.021 713	9·999 980	0	455
546	7·979 063	795	7·979 083	795	2.020 917	9·999 980	0	454
547	7·979 858	793	7·979 878	793	2.020 122	9·999 980	0	453
548	7·980 651	792	7·980 671	792	2.019 329	9·999 980	0	452
549	7·981 443	790	7·981 463	790	2.018 537	9·999 980	0	451
.550	7·982 233		7·982 253		2.017 747	9·999 980		**.450**
	cos	d	cotg	d	tang	sin	d	89°

P.P.

	868	865	860
1	86.8	86.5	86.0
2	173.6	173.0	172.0
3	260.4	259.5	258.0
4	347.2	346.0	344.0
5	434.0	432.5	430.0
6	520.8	519.0	516.0
7	607.6	605.5	602.0
8	694.4	692.0	688.0
9	781.2	778.5	774.0

	858	855	850
1	85.8	85.5	85.0
2	171.6	171.0	170.0
3	257.4	256.5	255.0
4	343.2	342.0	340.0
5	429.0	427.5	425.0
6	514.8	513.0	510.0
7	600.6	598.5	595.0
8	686.4	684.0	680.0
9	772.2	769.5	765.0

	845	840	838
1	84.5	84.0	83.8
2	169.0	168.0	167.6
3	253.5	252.0	251.4
4	338.0	336.0	335.2
5	422.5	420.0	419.0
6	507.0	504.0	502.8
7	591.5	588.0	586.6
8	676.0	672.0	670.4
9	760.5	756.0	754.2

	835	830	825
1	83.5	83.0	82.5
2	167.0	166.0	165.0
3	250.5	249.0	247.5
4	334.0	332.0	330.0
5	417.5	415.0	412.5
6	501.0	498.0	495.0
7	584.5	581.0	577.5
8	668.0	664.0	660.0
9	751.5	747.0	742.5

	820	818	815
1	82.0	81.8	81.5
2	164.0	163.6	163.0
3	246.0	245.4	244.5
4	328.0	327.2	326.0
5	410.0	409.0	407.5
6	492.0	490.8	489.0
7	574.0	572.6	570.5
8	656.0	654.4	652.0
9	738.0	736.2	733.5

	810	805	800
1	81.0	80.5	80.0
2	162.0	161.0	160.0
3	243.0	241.5	240.0
4	324.0	322.0	320.0
5	405.0	402.5	400.0
6	486.0	483.0	480.0
7	567.0	563.5	560.0
8	648.0	644.0	640.0
9	729.0	724.5	720.0

	798	795	790
1	79.8	79.5	79.0
2	159.6	159.0	158.0
3	239.4	238.5	237.0
4	319.2	318.0	316.0
5	399.0	397.5	395.0
6	478.8	477.0	474.0
7	558.6	556.5	553.0
8	638.4	636.0	632.0
9	718.2	715.5	711.0

$89^\circ.500 - 89^\circ.450$

$0^\circ.550 - 0^\circ.600$

0°	sin	d	tang	d	cotg	cos	d	
·550	7·982 233		7·982 253		2.017 747	9·999 980		**·450**
		789		789			0	
551	7·983 022		7·983 042		2.016 958	9·999 980		449
		788		788			0	
552	7·983 810		7·983 830		2.016 170	9·999 980		448
		786		786			0	
553	7·984 596		7·984 616		2.015 384	9·999 980		447
		784		785			0	
554	7·985 380		7·985 401		2.014 599	9·999 980		446
		784		783			0	
555	7·986 164		7·986 184		2.013 816	9·999 980		445
		781		782			0	
556	7·986 945		7·986 966		2.013 034	9·999 980		444
		781		780			1	
557	7·987 726		7·987 746		2.012 254	9·999 979		443
		779		779			0	
558	7·988 505		7·988 525		2.011 475	9·999 979		442
		777		778			0	
559	7·989 282		7·989 303		2.010 697	9·999 979		441
		776		776			0	
·560	7·990 058		7·990 079		2.009 921	9·999 979		**·440**
		775		775			0	
561	7·990 833		7·990 854		2.009 146	9·999 979		439
		774		774			0	
562	7·991 607		7·991 628		2.008 372	9·999 979		438
		772		772			0	
563	7·992 379		7·992 400		2.007 600	9·999 979		437
		770		770			0	
564	7·993 149		7·993 170		2.006 830	9·999 979		436
		770		770			0	
565	7·993 919		7·993 940		2.006 060	9·999 979		435
		768		768			0	
566	7·994 687		7·994 708		2.005 292	9·999 979		434
		766		767			0	
567	7·995 453		7·995 475		2.004 525	9·999 979		433
		766		765			0	
568	7·996 219		7·996 240		2.003 760	9·999 979		432
		763		764			0	
569	7·996 982		7·997 004		2.002 996	9·999 979		431
		763		763			0	
·570	7·997 745		7·997 767		2.002 233	9·999 979		**·430**
		761		761			1	
571	7·998 506		7·998 528		2.001 472	9·999 978		429
		760		760			0	
572	7·999 266		7·999 288		2.000 712	9·999 978		428
		759		758			0	
573	8.000 025		8.000 046		1.999 954	9·999 978		427
		757		758			0	
574	8.000 782		8.000 804		1.999 196	9·999 978		426
		756		756			0	
575	8.001 538		8.001 560		1.998 440	9·999 978		425
		755		754			0	
576	8.002 293		8.002 314		1.997 686	9·999 978		424
		753		754			0	
577	8.003 046		8.003 068		1.996 932	9·999 978		423
		752		752			0	
578	8.003 798		8.003 820		1.996 180	9·999 978		422
		751		751			0	
579	8.004 549		8.004 571		1.995 429	9·999 978		421
		749		749			0	
·580	8.005 298		8.005 320		1.994 680	9·999 978		**·420**
		748		748			0	
581	8.006 046		8.006 068		1.993 932	9·999 978		419
		747		747			0	
582	8.006 793		8.006 815		1.993 185	9·999 978		418
		745		746			0	
583	8.007 538		8.007 561		1.992 439	9·999 978		417
		745		744			1	
584	8.008 283		8.008 305		1.991 695	9·999 977		416
		743		743			0	
585	8.009 026		8.009 048		1.990 952	9·999 977		415
		741		742			0	
586	8.009 767		8.009 790		1.990 210	9·999 977		414
		741		741			0	
587	8.010 508		8.010 531		1.989 469	9·999 977		413
		739		739			0	
588	8.011 247		8.011 270		1.988 730	9·999 977		412
		738		738			0	
589	8.011 985		8.012 008		1.987 992	9·999 977		411
		737		737			0	
·590	8.012 722		8.012 745		1.987 255	9·999 977		**·410**
		735		735			0	
591	8.013 457		8.013 480		1.986 520	9·999 977		409
		734		735			0	
592	8.014 191		8.014 215		1.985 785	9·999 977		408
		733		733			0	
593	8.014 924		8.014 948		1.985 052	9·999 977		407
		732		731			0	
594	8.015 656		8.015 679		1.984 321	9·999 977		406
		731		731			0	
595	8.016 387		8.016 410		1.983 590	9·999 977		405
		729		729			0	
596	8.017 116		8.017 139		1.982 861	9·999 977		404
		728		728			1	
597	8.017 844		8.017 867		1.982 133	9·999 976		403
		727		727			0	
598	8.018 571		8.018 594		1.981 406	9·999 976		402
		725		726			0	
599	8.019 296		8.019 320		1.980 680	9·999 976		401
		725		724			0	
.600	8.020 021		8.020 044		1.979 956	9·999 976		**·400**
	cos	d	cotg	d	tang	sin	d	**89°**

P.P.

	789	786	783
1	78.9	78.6	78.3
2	157.8	157.2	156.6
3	236.7	235.8	234.9
4	315.6	314.4	313.2
5	394.5	393.0	391.5
6	473.4	471.6	469.8
7	552.3	550.2	548.1
8	631.2	628.8	626.4
9	710.1	707.4	704.7

	780	775	770
1	78.0	77.5	77.0
2	156.0	155.0	154.0
3	234.0	232.5	231.0
4	312.0	310.0	308.0
5	390.0	387.5	385.0
6	468.0	465.0	462.0
7	546.0	542.5	539.0
8	624.0	620.0	616.0
9	702.0	697.5	693.0

	767	764	760
1	76.7	76.4	76.0
2	153.4	152.8	152.0
3	230.1	229.2	228.0
4	306.8	305.6	304.0
5	383.5	382.0	380.0
6	460.2	458.4	456.0
7	536.9	534.8	532.0
8	613.6	611.2	608.0
9	690.3	687.6	684.0

	758	755	752
1	75.8	75.5	75.2
2	151.6	151.0	150.4
3	227.4	226.5	225.6
4	303.2	302.0	300.8
5	379.0	377.5	376.0
6	454.8	453.0	451.2
7	530.6	528.5	526.4
8	606.4	604.0	601.6
9	682.2	679.5	676.8

	750	746	742
1	75.0	74.6	74.2
2	150.0	149.2	148.4
3	225.0	223.8	222.6
4	300.0	298.4	296.8
5	375.0	373.0	371.0
6	450.0	447.6	445.2
7	525.0	522.2	519.4
8	600.0	596.8	593.6
9	675.0	671.4	667.8

	740	736	733
1	74.0	73.6	73.3
2	148.0	147.2	146.6
3	222.0	220.8	219.9
4	296.0	294.4	293.2
5	370.0	368.0	366.5
6	444.0	441.6	439.8
7	518.0	515.2	513.1
8	592.0	588.8	586.4
9	666.0	662.4	659.7

	730	727	724
1	73.0	72.7	72.4
2	146.0	145.4	144.8
3	219.0	218.1	217.2
4	292.0	290.8	289.6
5	365.0	363.5	362.0
6	438.0	436.2	434.4
7	511.0	508.9	506.8
8	584.0	581.6	579.2
9	657.0	654.3	651.6

$89^\circ.450 - 89^\circ.400$

$0^\circ.600 - 0^\circ.650$

0°	sin	d	tang	d	cotg	cos	d	
.600	8.020 021	723	8.020 044	724	1.979 956	9.999 976	0	**.400**
601	8.020 744	722	8.020 768	722	1.979 232	9.999 976	0	399
602	8.021 466	721	8.021 490	721	1.978 510	9.999 976	0	398
603	8.022 187	719	8.022 211	719	1.977 789	9.999 976	0	397
604	8.022 906	719	8.022 930	719	1.977 070	9.999 976	0	396
605	8.023 625	717	8.023 649	717	1.976 351	9.999 976	0	395
606	8.024 342	716	8.024 366	716	1.975 634	9.999 976	0	394
607	8.025 058	715	8.025 082	715	1.974 918	9.999 976	0	393
608	8.025 773	713	8.025 797	714	1.974 203	9.999 976	0	392
609	8.026 486	713	8.026 511	713	1.973 489	9.999 975	1	391
.610	8.027 199	711	8.027 224	711	1.972 776	9.999 975	0	**.390**
611	8.027 910	711	8.027 935	710	1.972 065	9.999 975	0	389
612	8.028 621	709	8.028 645	709	1.971 355	9.999 975	0	388
613	8.029 330	707	8.029 354	708	1.970 646	9.999 975	0	387
614	8.030 037	707	8.030 062	707	1.969 938	9.999 975	0	386
615	8.030 744	706	8.030 769	706	1.969 231	9.999 975	0	385
616	8.031 450	704	8.031 475	704	1.968 525	9.999 975	0	384
617	8.032 154	703	8.032 179	704	1.967 821	9.999 975	0	383
618	8.032 857	703	8.032 883	702	1.967 117	9.999 975	0	382
619	8.033 560	701	8.033 585	701	1.966 415	9.999 975	0	381
.620	8.034 261	699	8.034 286	700	1.965 714	9.999 975	1	**.380**
621	8.034 960	699	8.034 986	699	1.965 014	9.999 974	0	379
622	8.035 659	698	8.035 685	698	1.964 315	9.999 974	0	378
623	8.036 357	696	8.036 383	696	1.963 617	9.999 974	0	377
624	8.037 053	696	8.037 079	696	1.962 921	9.999 974	0	376
625	8.037 749	694	8.037 775	694	1.962 225	9.999 974	0	375
626	8.038 443	693	8.038 469	693	1.961 531	9.999 974	0	374
627	8.039 136	692	8.039 162	692	1.960 838	9.999 974	0	373
628	8.039 828	691	8.039 854	691	1.960 146	9.999 974	0	372
629	8.040 519	690	8.040 545	690	1.959 455	9.999 974	0	371
.630	8.041 209	689	8.041 235	689	1.958 765	9.999 974	0	**.370**
631	8.041 898	688	8.041 924	688	1.958 076	9.999 974	0	369
632	8.042 586	686	8.042 612	687	1.957 388	9.999 974	0	368
633	8.043 272	686	8.043 299	685	1.956 701	9.999 973	1	367
634	8.043 958	684	8.043 984	685	1.956 016	9.999 973	0	366
635	8.044 642	684	8.044 669	683	1.955 331	9.999 973	0	365
636	8.045 326	682	8.045 352	683	1.954 648	9.999 973	0	364
637	8.046 008	681	8.046 035	681	1.953 965	9.999 973	0	363
638	8.046 689	680	8.046 716	680	1.953 284	9.999 973	0	362
639	8.047 369	679	8.047 396	679	1.952 604	9.999 973	0	361
.640	8.048 048	678	8.048 075	679	1.951 925	9.999 973	0	**.360**
641	8.048 726	677	8.048 754	677	1.951 246	9.999 973	0	359
642	8.049 403	676	8.049 431	676	1.950 569	9.999 973	0	358
643	8.050 079	675	8.050 107	675	1.949 893	9.999 973	0	357
644	8.050 754	674	8.050 782	673	1.949 218	9.999 973	1	356
645	8.051 428	673	8.051 455	673	1.948 545	9.999 972	0	355
646	8.052 101	671	8.052 128	672	1.947 872	9.999 972	0	354
647	8.052 772	671	8.052 800	671	1.947 200	9.999 972	0	353
648	8.053 443	670	8.053 471	670	1.946 529	9.999 972	0	352
649	8.054 113	668	8.054 141	668	1.945 859	9.999 972	0	351
.650	8.054 781		8.054 809		1.945 191	9.999 972		**.350**
	cos	d	cotg	d	tang	sin	d	89°

P.P.

	724	722	720
1	72.4	72.2	72.0
2	144.8	144.4	144.0
3	217.2	216.6	216.0
4	289.6	288.8	288.0
5	362.0	361.0	360.0
6	434.4	433.2	432.0
7	506.8	505.4	504.0
8	579.2	577.6	576.0
9	651.6	649.8	648.0

	717	714	711
1	71.7	71.4	71.1
2	143.4	142.8	142.2
3	215.1	214.2	213.3
4	286.8	285.6	284.4
5	358.5	357.0	355.5
6	430.2	428.4	426.6
7	501.9	499.8	497.7
8	573.6	571.2	568.8
9	645.3	642.6	639.9

	708	705	702
1	70.8	70.5	70.2
2	141.6	141.0	140.4
3	212.4	211.5	210.6
4	283.2	282.0	280.8
5	354.0	352.5	351.0
6	424.8	423.0	421.2
7	495.6	493.5	491.4
8	566.4	564.0	561.6
9	637.2	634.5	631.8

	699	696	693
1	69.9	69.6	69.3
2	139.8	139.2	138.6
3	209.7	208.8	207.9
4	279.6	278.4	277.2
5	349.5	348.0	346.5
6	419.4	417.6	415.8
7	489.3	487.2	485.1
8	559.2	556.8	554.4
9	629.1	626.4	623.7

	690	687	684
1	69.0	68.7	68.4
2	138.0	137.4	136.8
3	207.0	206.1	205.2
4	276.0	274.8	273.6
5	345.0	343.5	342.0
6	414.0	412.2	410.4
7	483.0	480.9	478.8
8	552.0	549.6	547.2
9	621.0	618.3	615.6

	681	678	675
1	68.1	67.8	67.5
2	136.2	135.6	135.0
3	204.3	203.4	202.5
4	272.4	271.2	270.0
5	340.5	339.0	337.5
6	408.6	406.8	405.0
7	476.7	474.6	472.5
8	544.8	542.4	540.0
9	612.9	610.2	607.5

	672	670	668
1	67.2	67.0	66.8
2	134.4	134.0	133.6
3	201.6	201.0	200.4
4	268.8	268.0	267.2
5	336.0	335.0	334.0
6	403.2	402.0	400.8
7	470.4	469.0	467.6
8	537.6	536.0	534.4
9	604.8	603.0	601.2

$89^\circ.400 - 89^\circ.350$

$0^\circ.650 - 0^\circ.700$

0°	sin	d	tang	d	cotg	cos	d	
.650	8.054 781		8.054 809		1.945 191	9.999 972		**.350**
		668		668			0	
651	8.055 449		8.055 477		1.944 523	9.999 972		349
652	8.056 116	667	8.056 144	667	1.943 856	9.999 972	0	348
653	8.056 781	665	8.056 809	665	1.943 191	9.999 972	0	347
		665		665			0	
654	8.057 446		8.057 474		1.942 526	9.999 972		346
655	8.058 109	663	8.058 138	664	1.941 862	9.999 972	0	345
656	8.058 772	663	8.058 800	662	1.941 200	9.999 972	0	344
		661		662			1	
657	8.059 433		8.059 462		1.940 538	9.999 971		343
658	8.060 094	661	8.060 122	660	1.939 878	9.999 971	0	342
659	8.060 753	659	8.060 782	660	1.939 218	9.999 971	0	341
		659		659			0	
.660	8.061 412		8.061 441		1.938 559	9.999 971		**.340**
		657		657			0	
661	8.062 069		8.062 098		1.937 902	9.999 971		339
662	8.062 726	657	8.062 755	657	1.937 245	9.999 971	0	338
663	8.063 381	655	8.063 410	655	1.936 590	9.999 971	0	337
		655		655			0	
664	8.064 036		8.064 065		1.935 935	9.999 971		336
665	8.064 689	653	8.064 719	654	1.935 281	9.999 971	0	335
666	8.065 342	653	8.065 371	652	1.934 629	9.999 971	0	334
		651		652			0	
667	8.065 993		8.066 023		1.933 977	9.999 971		333
668	8.066 644	651	8.066 674	651	1.933 326	9.999 970	1	332
669	8.067 294	650	8.067 323	649	1.932 677	9.999 970	0	331
		648		649			0	
.670	8.067 942		8.067 972		1.932 028	9.999 970		**.330**
		648		648			0	
671	8.068 590		8.068 620		1.931 380	9.999 970		329
672	8.069 237	647	8.069 267	647	1.930 733	9.999 970	0	328
673	8.069 882	645	8.069 912	645	1.930 088	9.999 970	0	327
		645		645			0	
674	8.070 527		8.070 557		1.929 443	9.999 970		326
675	8.071 171	644	8.071 201	644	1.928 799	9.999 970	0	325
676	8.071 814	643	8.071 844	643	1.928 156	9.999 970	0	324
		642		642			0	
677	8.072 456		8.072 486		1.927 514	9.999 970		323
678	8.073 097	641	8.073 127	641	1.926 873	9.999 970	0	322
679	8.073 737	640	8.073 767	640	1.926 233	9.999 970	0	321
		639		640			1	
.680	8.074 376		8.074 407		1.925 593	9.999 969		**.320**
		638		638			0	
681	8.075 014		8.075 045		1.924 955	9.999 969		319
682	8.075 651	637	8.075 682	637	1.924 318	9.999 969	0	318
683	8.076 288	637	8.076 319	637	1.923 681	9.999 969	0	317
		635		635			0	
684	8.076 923		8.076 954		1.923 046	9.999 969		316
685	8.077 558	635	8.077 589	635	1.922 411	9.999 969	0	315
686	8.078 191	633	8.078 222	633	1.921 778	9.999 969	0	314
		633		633			0	
687	8.078 824		8.078 855		1.921 145	9.999 969		313
688	8.079 455	631	8.079 487	632	1.920 513	9.999 969	0	312
689	8.080 086	631	8.080 118	631	1.919 882	9.999 969	0	311
		630		629			0	
.690	8.080 716		8.080 747		1.919 253	9.999 969		**.310**
		629		629			1	
691	8.081 345		8.081 376		1.918 624	9.999 968		309
692	8.081 973	628	8.082 005	629	1.917 995	9.999 968	0	308
693	8.082 600	627	8.082 632	627	1.917 368	9.999 968	0	307
		626		626			0	
694	8.083 226		8.083 258		1.916 742	9.999 968		306
695	8.083 852	626	8.083 883	625	1.916 117	9.999 968	0	305
696	8.084 476	624	8.084 508	625	1.915 492	9.999 968	0	304
		623		624			0	
697	8.085 099		8.085 132		1.914 868	9.999 968		303
698	8.085 722	623	8.085 754	622	1.914 246	9.999 968	0	302
699	8.086 344	622	8.086 376	622	1.913 624	9.999 968	0	301
		621		621			0	
.700	8.086 965		8.086 997		1.913 003	9.999 968		**.300**
	cos	d	cotg	d	tang	sin	d	**89°**

$89^\circ.350 - 89^\circ.300$

P.P.

	668	667	665
1	66.8	66.7	66.5
2	133.6	133.4	133.0
3	200.4	200.1	199.5
4	267.2	266.8	266.0
5	334.0	333.5	332.5
6	400.8	400.2	399.0
7	467.6	466.9	465.5
8	534.4	533.6	532.0
9	601.2	600.3	598.5

	662	660	657
1	66.2	66.0	65.7
2	132.4	132.0	131.4
3	198.6	198.0	197.1
4	264.8	264.0	262.8
5	331.0	330.0	328.5
6	397.2	396.0	394.2
7	463.4	462.0	459.9
8	529.6	528.0	525.6
9	595.8	594.0	591.3

	655	652	650
1	65.5	65.2	65.0
2	131.0	130.4	130.0
3	196.5	195.6	195.0
4	262.0	260.8	260.0
5	327.5	326.0	325.0
6	393.0	391.2	390.0
7	458.5	456.4	455.0
8	524.0	521.6	520.0
9	589.5	586.8	585.0

	647	645	642
1	64.7	64.5	64.2
2	129.4	129.0	128.4
3	194.1	193.5	192.6
4	258.8	258.0	256.8
5	323.5	322.5	321.0
6	388.2	387.0	385.2
7	452.9	451.5	449.4
8	517.6	516.0	513.6
9	582.3	580.5	577.8

	640	637	635
1	64.0	63.7	63.5
2	128.0	127.4	127.0
3	192.0	191.1	190.5
4	256.0	254.8	254.0
5	320.0	318.5	317.5
6	384.0	382.2	381.0
7	448.0	445.9	444.5
8	512.0	509.6	508.0
9	576.0	573.3	571.5

	632	630	627
1	63.2	63.0	62.7
2	126.4	126.0	125.4
3	189.6	189.0	188.1
4	252.8	252.0	250.8
5	316.0	315.0	313.5
6	379.2	378.0	376.2
7	442.4	441.0	438.9
8	505.6	504.0	501.6
9	568.8	567.0	564.3

	625	622	621
1	62.5	62.2	62.1
2	125.0	124.4	124.2
3	187.5	186.6	186.3
4	250.0	248.8	248.4
5	312.5	311.0	310.5
6	375.0	373.2	372.6
7	437.5	435.4	434.7
8	500.0	497.6	496.8
9	562.5	559.8	558.9

$0^\circ.700 - 0^\circ.750$

0°	sin	d	tang	d	cotg	cos	d	
.700	8.086 965	620	8.086 997	620	1.913 003	9.999 968	1	**.300**
701	8.087 585	619	8.087 617	619	1.912 383	9.999 967	0	299
702	8.088 204	618	8.088 236	618	1.911 764	9.999 967	0	298
703	8.088 822	617	8.088 854	618	1.911 146	9.999 967	0	297
704	8.089 439	617	8.089 472	616	1.910 528	9.999 967	0	296
705	8.090 056	615	8.090 088	616	1.909 912	9.999 967	0	295
706	8.090 671	615	8.090 704	615	1.909 296	9.999 967	0	294
707	8.091 286	614	8.091 319	614	1.908 681	9.999 967	0	293
708	8.091 900	613	8.091 933	613	1.908 067	9.999 967	0	292
709	8.092 513	612	8.092 546	612	1.907 454	9.999 967	0	291
.710	8.093 125	611	8.093 158	611	1.906 842	9.999 967	0	**.290**
711	8.093 736	610	8.093 769	611	1.906 231	9.999 967	0	289
712	8.094 346	610	8.094 380	609	1.905 620	9.999 966	1	288
713	8.094 956	608	8.094 989	609	1.905 011	9.999 966	0	287
714	8.095 564	608	8.095 598	608	1.904 402	9.999 966	0	286
715	8.096 172	607	8.096 206	607	1.903 794	9.999 966	0	285
716	8.096 779	606	8.096 813	606	1.903 187	9.999 966	0	284
717	8.097 385	605	8.097 419	606	1.902 581	9.999 966	0	283
718	8.097 990	605	8.098 025	604	1.901 975	9.999 966	0	282
719	8.098 595	603	8.098 629	604	1.901 371	9.999 966	0	281
.720	8.099 198	603	8.099 233	603	1.900 767	9.999 966	0	**.280**
721	8.099 801	602	8.099 836	602	1.900 164	9.999 966	0	279
722	8.100 403	601	8.100 438	601	1.899 562	9.999 966	0	278
723	8.101 004	600	8.101 039	600	1.898 961	9.999 965	1	277
724	8.101 604	600	8.101 639	600	1.898 361	9.999 965	0	276
725	8.102 204	598	8.102 239	598	1.897 761	9.999 965	0	275
726	8.102 802	598	8.102 837	598	1.897 163	9.999 965	0	274
727	8.103 400	597	8.103 435	597	1.896 565	9.999 965	0	273
728	8.103 997	596	8.104 032	596	1.895 968	9.999 965	0	272
729	8.104 593	595	8.104 628	596	1.895 372	9.999 965	0	271
.730	8.105 188	595	8.105 224	594	1.894 776	9.999 965	0	**.270**
731	8.105 783	594	8.105 818	594	1.894 182	9.999 965	0	269
732	8.106 377	592	8.106 412	593	1.893 588	9.999 965	0	268
733	8.106 969	593	8.107 005	592	1.892 995	9.999 964	1	267
734	8.107 562	591	8.107 597	592	1.892 403	9.999 964	0	266
735	8.108 153	590	8.108 189	590	1.891 811	9.999 964	0	265
736	8.108 743	590	8.108 779	590	1.891 221	9.999 964	0	264
737	8.109 333	589	8.109 369	589	1.890 631	9.999 964	0	263
738	8.109 922	588	8.109 958	588	1.890 042	9.999 964	0	262
739	8.110 510	587	8.110 546	587	1.889 454	9.999 964	0	261
.740	8.111 097	586	8.111 133	587	1.888 867	9.999 964	0	**.260**
741	8.111 683	586	8.111 720	586	1.888 280	9.999 964	0	259
742	8.112 269	585	8.112 306	585	1.887 694	9.999 964	0	258
743	8.112 854	584	8.112 891	584	1.887 109	9.999 963	1	257
744	8.113 438	583	8.113 475	583	1.886 525	9.999 963	0	256
745	8.114 021	583	8.114 058	583	1.885 942	9.999 963	0	255
746	8.114 604	582	8.114 641	582	1.885 359	9.999 963	0	254
747	8.115 186	581	8.115 223	581	1.884 777	9.999 963	0	253
748	8.115 767	580	8.115 804	580	1.884 196	9.999 963	0	252
749	8.116 347	579	8.116 384	579	1.883 616	9.999 963	0	251
.750	8.116 926		8.116 963		1.883 037	9.999 963		**.250**
	cos	d	cotg	d	tang	sin	d	89°

P.P.

	620	618	616
1	62.0	61.8	61.6
2	124.0	123.6	123.2
3	186.0	185.4	184.8
4	248.0	247.2	246.4
5	310.0	309.0	308.0
6	372.0	370.8	369.6
7	434.0	432.6	431.2
8	496.0	494.4	492.8
9	558.0	556.2	554.4

	614	612	610
1	61.4	61.2	61.0
2	122.8	122.4	122.0
3	184.2	183.6	183.0
4	245.6	244.8	244.0
5	307.0	306.0	305.0
6	368.4	367.2	366.0
7	429.8	428.4	427.0
8	491.2	489.6	488.0
9	552.6	550.8	549.0

	608	606	603
1	60.8	60.6	60.3
2	121.6	121.2	120.6
3	182.4	181.8	180.9
4	243.2	242.4	241.2
5	304.0	303.0	301.5
6	364.8	363.6	361.8
7	425.6	424.2	422.1
8	486.4	484.8	482.4
9	547.2	545.4	542.7

	600	598	596
1	60.0	59.8	59.6
2	120.0	119.6	119.2
3	180.0	179.4	178.8
4	240.0	239.2	238.4
5	300.0	299.0	298.0
6	360.0	358.8	357.6
7	420.0	418.6	417.2
8	480.0	478.4	476.8
9	540.0	538.2	536.4

	594	592	590
1	59.4	59.2	59.0
2	118.8	118.4	118.0
3	178.2	177.6	177.0
4	237.6	236.8	236.0
5	297.0	296.0	295.0
6	356.4	355.2	354.0
7	415.8	414.4	413.0
8	475.2	473.6	472.0
9	534.6	532.8	531.0

	588	586	584
1	58.8	58.6	58.4
2	117.6	117.2	116.8
3	176.4	175.8	175.2
4	235.2	234.4	233.6
5	294.0	293.0	292.0
6	352.8	351.6	350.4
7	411.6	410.2	408.8
8	470.4	468.8	467.2
9	529.2	527.4	525.6

	582	580	579
1	58.2	58.0	57.9
2	116.4	116.0	115.8
3	174.6	174.0	173.7
4	232.8	232.0	231.6
5	291.0	290.0	289.5
6	349.2	348.0	347.4
7	407.4	406.0	405.3
8	465.6	464.0	463.2
9	523.8	522.0	521.1

$89^\circ.300 - 89^\circ.250$

0°.750 — 0°.800

0°	sin	d	tang	d	cotg	cos	d		P.P.
.750	8.116 926		8.116 963		1.883 037	9.999 963		.250	
		579		579			0		579 578 576
751	8.117 505		8.117 542		1.882 458	9.999 963		249	1 57.9 57.8 57.6
752	8.118 083	578	8.118 120	578	1.881 880	9.999 963	0	248	2 115.8 115.6 115.2
753	8.118 660	577	8.118 697	577	1.881 303	9.999 962	1	247	3 173.7 173.4 172.8
		576		577			0		4 231.6 231.2 230.4
754	8.119 236		8.119 274		1.880 726	9.999 962		246	5 289.5 289.0 288.0
755	8.119 812	576	8.119 849	575	1.880 151	9.999 962	0	245	6 347.4 346.8 345.6
756	8.120 387	575	8.120 424	575	1.879 576	9.999 962	0	244	7 405.3 404.6 403.2
		574		575			0		8 463.2 462.4 460.8
757	8.120 961		8.120 999		1.879 001	9.999 962	0	243	9 521.1 520.2 518.4
758	8.121 534	573	8.121 572	573	1.878 428	9.999 962	0	242	
759	8.122 106	572	8.122 145	573	1.877 855	9.999 962	0	241	574 572 570
		572		571			0		1 57.4 57.2 57.0
.760	8.122 678		8.122 716		1.877 284	9.999 962		.240	2 114.8 114.4 114.0
		571		572			0		3 172.2 171.6 171.0
761	8.123 249		8.123 288		1.876 712	9.999 962	0	239	4 229.6 228.8 228.0
762	8.123 820	571	8.123 858	570	1.876 142	9.999 962	0	238	5 287.0 286.0 285.0
763	8.124 389	569	8.124 428	570	1.875 572	9.999 961	1	237	6 344.4 343.2 342.0
		569		568			0		7 401.8 400.4 399.0
764	8.124 958		8.124 996		1.875 004	9.999 961	0	236	8 459.2 457.6 456.0
765	8.125 526	568	8.125 565	569	1.874 435	9.999 961	0	235	9 516.6 514.8 513.0
766	8.126 093	567	8.126 132	567	1.873 868	9.999 961	0	234	
		567		567			0		568 566 564
767	8.126 660		8.126 699		1.873 301	9.999 961	0	233	1 56.8 56.6 56.4
768	8.127 226	566	8.127 265	566	1.872 735	9.999 961	0	232	2 113.6 113.2 112.8
769	8.127 791	565	8.127 830	565	1.872 170	9.999 961	0	231	3 170.4 169.8 169.2
		564		564			0		4 227.2 226.4 225.6
.770	8.128 355		8.128 394		1.871 606	9.999 961		.230	5 284.0 283.0 282.0
		564		564			0		6 340.8 339.6 338.4
771	8.128 919		8.128 958		1.871 042	9.999 961	0	229	7 397.6 396.2 394.8
772	8.129 482	563	8.129 521	563	1.870 479	9.999 961	0	228	8 454.4 452.8 451.2
773	8.130 044	562	8.130 083	562	1.869 917	9.999 960	1	227	9 511.2 509.4 507.6
		561		562			0		
774	8.130 605		8.130 645		1.869 355	9.999 960	0	226	562 560 558
775	8.131 166	561	8.131 206	561	1.868 794	9.999 960	0	225	1 56.2 56.0 55.8
776	8.131 726	560	8.131 766	560	1.868 234	9.999 960	0	224	2 112.4 112.0 111.6
		559		559			0		3 168.6 168.0 167.4
777	8.132 285		8.132 325		1.867 675	9.999 960		223	4 224.8 224.0 223.2
778	8.132 844	559	8.132 884	559	1.867 116	9.999 960	0	222	5 281.0 280.0 279.0
779	8.133 401	557	8.133 442	558	1.866 558	9.999 960	0	221	6 337.2 336.0 334.8
		558		557			0		7 393.4 392.0 390.6
.780	8.133 959		8.133 999		1.866 001	9.999 960		.220	8 449.6 448.0 446.4
		556		556			0		9 505.8 504.0 502.2
781	8.134 515		8.134 555		1.865 445	9.999 960	0	219	
782	8.135 071	556	8.135 111	556	1.864 889	9.999 960	0	218	556 554 552
783	8.135 626	555	8.135 666	555	1.864 334	9.999 959	1	217	1 55.6 55.4 55.2
		554		555			0		2 111.2 110.8 110.4
784	8.136 180		8.136 221		1.863 779	9.999 959	0	216	3 166.8 166.2 165.6
785	8.136 733	553	8.136 774	553	1.863 226	9.999 959	0	215	4 222.4 221.6 220.8
786	8.137 286	553	8.137 327	553	1.862 673	9.999 959	0	214	5 278.0 277.0 276.0
		552		552			0		6 333.6 332.4 331.2
787	8.137 838		8.137 879		1.862 121	9.999 959	0	213	7 389.2 387.8 386.4
788	8.138 390	552	8.138 431	552	1.861 569	9.999 959	0	212	8 444.8 443.2 441.6
789	8.138 941	551	8.138 982	551	1.861 018	9.999 959	0	211	9 500.4 498.6 496.8
		550		550			0		
.790	8.139 491		8.139 532		1.860 468	9.999 959		.210	550 548 546
		549		549			0		1 55.0 54.8 54.6
791	8.140 040		8.140 081		1.859 919	9.999 959	0	209	2 110.0 109.6 109.2
792	8.140 589	549	8.140 630	549	1.859 370	9.999 959	0	208	3 165.0 164.4 163.8
793	8.141 137	548	8.141 178	548	1.858 822	9.999 958	1	207	4 220.0 219.2 218.4
		547		548			0		5 275.0 274.0 273.0
794	8.141 684		8.141 726		1.858 274	9.999 958	0	206	6 330.0 328.8 327.6
795	8.142 231	547	8.142 272	546	1.857 728	9.999 958	0	205	7 385.0 383.6 382.2
796	8.142 776	545	8.142 818	546	1.857 182	9.999 958	0	204	8 440.0 438.4 436.8
		546		546			0		9 495.0 493.2 491.4
797	8.143 322		8.143 364		1.856 636	9.999 958	0	203	
798	8.143 866	544	8.143 908	544	1.856 092	9.999 958	0	202	545 544 543
799	8.144 410	544	8.144 452	544	1.855 548	9.999 958	0	201	1 54.5 54.4 54.3
		543		544			0		2 109.0 108.8 108.6
.800	8.144 953		8.144 996		1.855 004	9.999 958		.200	3 163.5 163.2 162.9
									4 218.0 217.6 217.2
	cos	d	cotg	d	tang	sin	d	89°	5 272.5 272.0 271.5
									6 327.0 326.4 325.8
									7 381.5 380.8 380.1
									8 436.0 435.2 434.4
									9 490.5 489.6 488.7
									P.P.

89°.250 — 89°.200

$0^\circ.800 - 0^\circ.850$

0°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.144 953		8.144 996		1.855 004	9.999 958		**.200**	
		543		542			0		
801	8.145 496		8.145 538		1.854 462	9.999 958		199	
802	8.146 038	542	8.146 080	542	1.853 920	9.999 957	1	198	
803	8.146 579	541	8.146 621	541	1.853 379	9.999 957	0	197	
		540		541			0		
804	8.147 119		8.147 162		1.852 838	9.999 957		196	
805	8.147 659	540	8.147 702	540	1.852 298	9.999 957	0	195	
806	8.148 198	539	8.148 241	539	1.851 759	9.999 957	0	194	
		539		539			0		
807	8.148 737		8.148 780		1.851 220	9.999 957		193	
808	8.149 274	537	8.149 318	538	1.850 682	9.999 957	0	192	
809	8.149 811	537	8.149 855	537	1.850 145	9.999 957	0	191	
		537		536			0		
.810	8.150 348		8.150 391		1.849 609	9.999 957		**.190**	
		536		536			1		
811	8.150 884		8.150 927		1.849 073	9.999 956		189	
812	8.151 419	535	8.151 462	535	1.848 538	9.999 956	0	188	
813	8.151 953	534	8.151 997	535	1.848 003	9.999 956	0	187	
		534		534			0		
814	8.152 487		8.152 531		1.847 469	9.999 956		186	
815	8.153 020	533	8.153 064	533	1.846 936	9.999 956	0	185	
816	8.153 553	533	8.153 597	533	1.846 403	9.999 956	0	184	
		532		532			0		
817	8.154 085		8.154 129		1.845 871	9.999 956		183	
818	8.154 616	531	8.154 660	531	1.845 340	9.999 956	0	182	
819	8.155 146	530	8.155 191	531	1.844 809	9.999 956	0	181	
		530		530			0		
.820	8.155 676		8.155 721		1.844 279	9.999 956		**.180**	
		530		529			1		
821	8.156 206		8.156 250		1.843 750	9.999 955		179	
822	8.156 734	528	8.156 779	529	1.843 221	9.999 955	0	178	
823	8.157 262	528	8.157 307	528	1.842 693	9.999 955	0	177	
		528		528			0		
824	8.157 790		8.157 835		1.842 165	9.999 955		176	
825	8.158 316	526	8.158 361	526	1.841 639	9.999 955	0	175	
826	8.158 842	526	8.158 888	527	1.841 112	9.999 955	0	174	
		526		525			0		
827	8.159 368		8.159 413		1.840 587	9.999 955		173	
828	8.159 893	525	8.159 938	525	1.840 062	9.999 955	0	172	
829	8.160 417	524	8.160 462	524	1.839 538	9.999 955	0	171	
		523		524			1		
.830	8.160 940		8.160 986		1.839 014	9.999 954		**.170**	
		523		523			0		
831	8.161 463		8.161 509		1.838 491	9.999 954		169	
832	8.161 985	522	8.162 031	522	1.837 969	9.999 954	0	168	
833	8.162 507	522	8.162 553	522	1.837 447	9.999 954	0	167	
		521		521			0		
834	8.163 028		8.163 074		1.836 926	9.999 954		166	
835	8.163 548	520	8.163 595	521	1.836 405	9.999 954	0	165	
836	8.164 068	520	8.164 114	519	1.835 886	9.999 954	0	164	
		519		520			0		
837	8.164 587		8.164 634		1.835 366	9.999 954		163	
838	8.165 106	519	8.165 152	518	1.834 848	9.999 954	0	162	
839	8.165 624	518	8.165 670	518	1.834 330	9.999 953	1	161	
		517		518			0		
.840	8.166 141		8.166 188		1.833 812	9.999 953		**.160**	
		517		517			0		
841	8.166 658		8.166 705		1.833 295	9.999 953		159	
842	8.167 174	516	8.167 221	516	1.832 779	9.999 953	0	158	
843	8.167 689	515	8.167 736	515	1.832 264	9.999 953	0	157	
		515		515			0		
844	8.168 204		8.168 251		1.831 749	9.999 953		156	
845	8.168 718	514	8.168 766	515	1.831 234	9.999 953	0	155	
846	8.169 232	514	8.169 279	513	1.830 721	9.999 953	0	154	
		513		513			0		
847	8.169 745		8.169 792		1.830 208	9.999 953		153	
848	8.170 257	512	8.170 305	513	1.829 695	9.999 952	1	152	
849	8.170 769	512	8.170 817	512	1.829 183	9.999 952	0	151	
		511		511			0		
.850	8.171 280		8.171 328		1.828 672	9.999 952		**.150**	
	cos	d	cotg	d	tang	sin	d	89°	P.P.

	543	542	540
1	54.3	54.2	54.0
2	108.6	108.4	108.0
3	162.9	162.6	162.0
4	217.2	216.8	216.0
5	271.5	271.0	270.0
6	325.8	325.2	324.0
7	380.1	379.4	378.0
8	434.4	433.6	432.0
9	488.7	487.8	486.0

	538	536	534
1	53.8	53.6	53.4
2	107.6	107.2	106.8
3	161.4	160.8	160.2
4	215.2	214.4	213.6
5	269.0	268.0	267.0
6	322.8	321.6	320.4
7	376.6	375.2	373.8
8	430.4	428.8	427.2
9	484.2	482.4	480.6

	532	530	528
1	53.2	53.0	52.8
2	106.4	106.0	105.6
3	159.6	159.0	158.4
4	212.8	212.0	211.2
5	266.0	265.0	264.0
6	319.2	318.0	316.8
7	372.4	371.0	369.6
8	425.6	424.0	422.4
9	478.8	477.0	475.2

	526	524	522
1	52.6	52.4	52.2
2	105.2	104.8	104.4
3	157.8	157.2	156.6
4	210.4	209.6	208.8
5	263.0	262.0	261.0
6	315.6	314.4	313.2
7	368.2	366.8	365.4
8	420.8	419.2	417.6
9	473.4	471.6	469.8

	520	518	517
1	52.0	51.8	51.7
2	104.0	103.6	103.4
3	156.0	155.4	155.1
4	208.0	207.2	206.8
5	260.0	259.0	258.5
6	312.0	310.8	310.2
7	364.0	362.6	361.9
8	416.0	414.4	413.6
9	468.0	466.2	465.3

	516	515	514
1	51.6	51.5	51.4
2	103.2	103.0	102.8
3	154.8	154.5	154.2
4	206.4	206.0	205.6
5	258.0	257.5	257.0
6	309.6	309.0	308.4
7	361.2	360.5	359.8
8	412.8	412.0	411.2
9	464.4	463.5	462.6

	513	512	511
1	51.3	51.2	51.1
2	102.6	102.4	102.2
3	153.9	153.6	153.3
4	205.2	204.8	204.4
5	256.5	256.0	255.5
6	307.8	307.2	306.6
7	359.1	358.4	357.7
8	410.4	409.6	408.8
9	461.7	460.8	459.9

$89^\circ.200 - 89^\circ.150$

0°.850 — 0°.900

0°	sin	d	tang	d	cotg	cos	d	
.850	8.171 280		8.171 328		1.828 672	9.999 952		.150
		511		511			0	
851	8.171 791		8.171 839		1.828 161	9.999 952		149
852	8.172 301	510	8.172 349	510	1.827 651	9.999 952	0	148
853	8.172 810	509	8.172 858	509	1.827 142	9.999 952	0	147
		509		509			0	
854	8.173 319		8.173 367		1.826 633	9.999 952		146
855	8.173 827	508	8.173 876	509	1.826 124	9.999 952	0	145
856	8.174 335	508	8.174 383	507	1.825 617	9.999 952	0	144
		507		508			1	
857	8.174 842		8.174 891		1.825 109	9.999 951		143
858	8.175 348	506	8.175 397	506	1.824 603	9.999 951	0	142
859	8.175 854	506	8.175 903	506	1.824 097	9.999 951	0	141
		506		505			0	
.860	8.176 360		8.176 408		1.823 592	9.999 951		.140
		504		505			0	
861	8.176 864		8.176 913		1.823 087	9.999 951		139
862	8.177 368	504	8.177 417	504	1.822 583	9.999 951	0	138
863	8.177 872	504	8.177 921	504	1.822 079	9.999 951	0	137
		503		503			0	
864	8.178 375		8.178 424		1.821 576	9.999 951		136
865	8.178 877	502	8.178 926	502	1.821 074	9.999 951	0	135
866	8.179 379	502	8.179 428	502	1.820 572	9.999 950	1	134
		501		502			0	
867	8.179 880		8.179 930		1.820 070	9.999 950		133
868	8.180 380	500	8.180 430	500	1.819 570	9.999 950	0	132
869	8.180 880	500	8.180 930	500	1.819 070	9.999 950	0	131
		500		500			0	
.870	8.181 380		8.181 430		1.818 570	9.999 950		.130
		499		499			0	
871	8.181 879		8.181 929		1.818 071	9.999 950		129
872	8.182 377	498	8.182 427	498	1.817 573	9.999 950	0	128
873	8.182 875	498	8.182 925	498	1.817 075	9.999 950	0	127
		497		497			1	
874	8.183 372		8.183 422		1.816 578	9.999 949		126
875	8.183 869	497	8.183 919	497	1.816 081	9.999 949	0	125
876	8.184 365	496	8.184 415	496	1.815 585	9.999 949	0	124
		495		496			0	
877	8.184 860		8.184 911		1.815 089	9.999 949		123
878	8.185 355	495	8.185 406	495	1.814 594	9.999 949	0	122
879	8.185 849	494	8.185 900	494	1.814 100	9.999 949	0	121
		494		494			0	
.880	8.186 343		8.186 394		1.813 606	9.999 949		.120
		493		494			0	
881	8.186 836		8.186 888		1.813 112	9.999 949		119
882	8.187 329	493	8.187 380	492	1.812 620	9.999 949	0	118
883	8.187 821	492	8.187 872	492	1.812 128	9.999 948	1	117
		491		492			0	
884	8.188 312		8.188 364		1.811 636	9.999 948		116
885	8.188 803	491	8.188 855	491	1.811 145	9.999 948	0	115
886	8.189 294	491	8.189 346	491	1.810 654	9.999 948	0	114
		490		490			0	
887	8.189 784		8.189 836		1.810 164	9.999 948		113
888	8.190 273	489	8.190 325	489	1.809 675	9.999 948	0	112
889	8.190 762	489	8.190 814	489	1.809 186	9.999 948	0	111
		488		488			0	
.890	8.191 250		8.191 302		1.808 698	9.999 948		.110
		488		488			1	
891	8.191 738		8.191 790		1.808 210	9.999 947		109
892	8.192 225	487	8.192 277	487	1.807 723	9.999 947	0	108
893	8.192 711	486	8.192 764	487	1.807 236	9.999 947	0	107
		486		486			0	
894	8.193 197		8.193 250		1.806 750	9.999 947		106
895	8.193 683	486	8.193 736	486	1.806 264	9.999 947	0	105
896	8.194 168	485	8.194 221	485	1.805 779	9.999 947	0	104
		484		484			0	
897	8.194 652		8.194 705		1.805 295	9.999 947		103
898	8.195 136	484	8.195 189	484	1.804 811	9.999 947	0	102
899	8.195 619	483	8.195 673	484	1.804 327	9.999 947	0	101
		483		483			1	
.900	8.196 102		8.196 156		1.803 844	9.999 946		.100
	cos	d	cotg	d	tang	sin	d	89°

P.P.

	511	510	508
1	51.1	51.0	50.8
2	102.2	102.0	101.6
3	153.3	153.0	152.4
4	204.4	204.0	203.2
5	255.5	255.0	254.0
6	306.6	306.0	304.8
7	357.7	357.0	355.6
8	408.8	408.0	406.4
9	459.9	459.0	457.2

	506	504	502
1	50.6	50.4	50.2
2	101.2	100.8	100.4
3	151.8	151.2	150.6
4	202.4	201.6	200.8
5	253.0	252.0	251.0
6	303.6	302.4	301.2
7	354.2	352.8	351.4
8	404.8	403.2	401.6
9	455.4	453.6	451.8

	500	498	496
1	50.0	49.8	49.6
2	100.0	99.6	99.2
3	150.0	149.4	148.8
4	200.0	199.2	198.4
5	250.0	249.0	248.0
6	300.0	298.8	297.6
7	350.0	348.6	347.2
8	400.0	398.4	396.8
9	450.0	448.2	446.4

	494	493	492
1	49.4	49.3	49.2
2	98.8	98.6	98.4
3	148.2	147.9	147.6
4	197.6	197.2	196.8
5	247.0	246.5	246.0
6	296.4	295.8	295.2
7	345.8	345.1	344.4
8	395.2	394.4	393.6
9	444.6	443.7	442.8

	491	490	489
1	49.1	49.0	48.9
2	98.2	98.0	97.8
3	147.3	147.0	146.7
4	196.4	196.0	195.6
5	245.5	245.0	244.5
6	294.6	294.0	293.4
7	343.7	343.0	342.3
8	392.8	392.0	391.2
9	441.9	441.0	440.1

	488	487	486
1	48.8	48.7	48.6
2	97.6	97.4	97.2
3	146.4	146.1	145.8
4	195.2	194.8	194.4
5	244.0	243.5	243.0
6	292.8	292.2	291.6
7	341.6	340.9	340.2
8	390.4	389.6	388.8
9	439.2	438.3	437.4

	485	484	483
1	48.5	48.4	48.3
2	97.0	96.8	96.6
3	145.5	145.2	144.9
4	194.0	193.6	193.2
5	242.5	242.0	241.5
6	291.0	290.4	289.8
7	339.5	338.8	338.1
8	388.0	387.2	386.4
9	436.5	435.6	434.7

89°.150 — 89°.100

$0^\circ.900 - 0^\circ.950$

0°	sin	d	tang	d	cotg	cos	d	
.900	8.196 102		8.196 156		1.803 844	9.999 946		**.100**
		482		482			0	
901	8.196 584		8.196 638		1.803 362	9.999 946		099
902	8.197 066	482	8.197 120	482	1.802 880	9.999 946	0	098
903	8.197 547	481	8.197 601	481	1.802 399	9.999 946	0	097
		481		481			0	
904	8.198 028		8.198 082		1.801 918	9.999 946		096
905	8.198 508	480	8.198 562	480	1.801 438	9.999 946	0	095
906	8.198 987	479	8.199 042	480	1.800 958	9.999 946	0	094
		480		479			0	
907	8.199 467		8.199 521		1.800 479	9.999 946		093
908	8.199 945	478	8.200 000	479	1.800 000	9.999 945	1	092
909	8.200 423	478	8.200 478	478	1.799 522	9.999 945	0	091
		478		477			0	
.910	8.200 901		8.200 955		1.799 045	9.999 945		**.090**
		476		477			0	
911	8.201 377		8.201 432		1.798 568	9.999 945		089
912	8.201 854	477	8.201 909	477	1.798 091	9.999 945	0	088
913	8.202 330	476	8.202 385	476	1.797 615	9.999 945	0	087
		475		475			0	
914	8.202 805		8.202 860		1.797 140	9.999 945		086
915	8.203 280	475	8.203 335	475	1.796 665	9.999 945	0	085
916	8.203 754	474	8.203 810	475	1.796 190	9.999 944	1	084
		474		474			0	
917	8.204 228		8.204 284		1.795 716	9.999 944		083
918	8.204 701	473	8.204 757	473	1.795 243	9.999 944	0	082
919	8.205 174	473	8.205 230	473	1.794 770	9.999 944	0	081
		473		473			0	
.920	8.205 647		8.205 703		1.794 297	9.999 944		**.080**
		471		471			0	
921	8.206 118		8.206 174		1.793 826	9.999 944		079
922	8.206 590	472	8.206 646	472	1.793 354	9.999 944	0	078
923	8.207 060	470	8.207 117	471	1.792 883	9.999 944	0	077
		471		470			0	
924	8.207 531		8.207 587		1.792 413	9.999 944		076
925	8.208 000	469	8.208 057	470	1.791 943	9.999 943	1	075
926	8.208 469	469	8.208 526	469	1.791 474	9.999 943	0	074
		469		469			0	
927	8.208 938		8.208 995		1.791 005	9.999 943		073
928	8.209 406	468	8.209 463	468	1.790 537	9.999 943	0	072
929	8.209 874	468	8.209 931	468	1.790 069	9.999 943	0	071
		467		467			0	
.930	8.210 341		8.210 398		1.789 602	9.999 943		**.070**
		467		467			0	
931	8.210 808		8.210 865		1.789 135	9.999 943		069
932	8.211 274	466	8.211 332	467	1.788 668	9.999 943	0	068
933	8.211 740	466	8.211 797	465	1.788 203	9.999 942	1	067
		465		466			0	
934	8.212 205		8.212 263		1.787 737	9.999 942		066
935	8.212 670	465	8.212 728	465	1.787 272	9.999 942	0	065
936	8.213 134	464	8.213 192	464	1.786 808	9.999 942	0	064
		464		464			0	
937	8.213 598		8.213 656		1.786 344	9.999 942		063
938	8.214 061	463	8.214 119	463	1.785 881	9.999 942	0	062
939	8.214 524	463	8.214 582	463	1.785 418	9.999 942	0	061
		462		462			0	
.940	8.214 986		8.215 044		1.784 956	9.999 942		**.060**
		461		462			1	
941	8.215 447		8.215 506		1.784 494	9.999 941		059
942	8.215 909	462	8.215 967	461	1.784 033	9.999 941	0	058
943	8.216 369	460	8.216 428	461	1.783 572	9.999 941	0	057
		461		461			0	
944	8.216 830		8.216 889		1.783 111	9.999 941		056
945	8.217 289	459	8.217 349	460	1.782 651	9.999 941	0	055
946	8.217 749	460	8.217 808	459	1.782 192	9.999 941	0	054
		459		459			0	
947	8.218 208		8.218 267		1.781 733	9.999 941		053
948	8.218 666	458	8.218 725	458	1.781 275	9.999 941	0	052
949	8.219 124	458	8.219 183	458	1.780 817	9.999 940	1	051
		457		458			0	
.950	8.219 581		8.219 641		1.780 359	9.999 940		**.050**
	cos	d	cotg	d	tang	sin	d	**89°**

P.P.

	482	480	478
1	48.2	48.0	47.8
2	96.4	96.0	95.6
3	144.6	144.0	143.4
4	192.8	192.0	191.2
5	241.0	240.0	239.0
6	289.2	288.0	286.8
7	337.4	336.0	334.6
8	385.6	384.0	382.4
9	433.8	432.0	430.2

	476	474	472
1	47.6	47.4	47.2
2	95.2	94.8	94.4
3	142.8	142.2	141.6
4	190.4	189.6	188.8
5	238.0	237.0	236.0
6	285.6	284.4	283.2
7	333.2	331.8	330.4
8	380.8	379.2	377.6
9	428.4	426.6	424.8

	471	470	469
1	47.1	47.0	46.9
2	94.2	94.0	93.8
3	141.3	141.0	140.7
4	188.4	188.0	187.6
5	235.5	235.0	234.5
6	282.6	282.0	281.4
7	329.7	329.0	328.3
8	376.8	376.0	375.2
9	423.9	423.0	422.1

	468	467	466
1	46.8	46.7	46.6
2	93.6	93.4	93.2
3	140.4	140.1	139.8
4	187.2	186.8	186.4
5	234.0	233.5	233.0
6	280.8	280.2	279.6
7	327.6	326.9	326.2
8	374.4	373.6	372.8
9	421.2	420.3	419.4

	465	464	463
1	46.5	46.4	46.3
2	93.0	92.8	92.6
3	139.5	139.2	138.9
4	186.0	185.6	185.2
5	232.5	232.0	231.5
6	279.0	278.4	277.8
7	325.5	324.8	324.1
8	372.0	371.2	370.4
9	418.5	417.6	416.7

	462	461	460
1	46.2	46.1	46.0
2	92.4	92.2	92.0
3	138.6	138.3	138.0
4	184.8	184.4	184.0
5	231.0	230.5	230.0
6	277.2	276.6	276.0
7	323.4	322.7	322.0
8	369.6	368.8	368.0
9	415.8	414.9	414.0

	459	458	457
1	45.9	45.8	45.7
2	91.8	91.6	91.4
3	137.7	137.4	137.1
4	183.6	183.2	182.8
5	229.5	229.0	228.5
6	275.4	274.8	274.2
7	321.3	320.6	319.9
8	367.2	366.4	365.6
9	413.1	412.2	411.3

$89^\circ.100 - 89^\circ.050$

$0^\circ.950 - 1^\circ.000$

0°	sin	d	tang	d	cotg	cos	d	
.950	8.219 581		8.219 641		1.780 359	9.999 940		**.050**
		457		457			0	
951	8.220 038		8.220 098		1.779 902	9.999 940		049
952	8.220 494	456	8.220 554	456	1.779 446	9.999 940	0	048
953	8.220 950	456	8.221 010	456	1.778 990	9.999 940	0	047
		456		456			0	
954	8.221 406		8.221 466		1.778 534	9.999 940		046
955	8.221 861	455	8.221 921	455	1.778 079	9.999 940	0	045
956	8.222 315	454	8.222 376	455	1.777 624	9.999 940	0	044
		454		454			1	
957	8.222 769		8.222 830		1.777 170	9.999 939		043
958	8.223 223	454	8.223 283	453	1.776 717	9.999 939	0	042
959	8.223 676	453	8.223 737	454	1.776 263	9.999 939	0	041
		452		452			0	
.960	8.224 128		8.224 189		1.775 811	9.999 939		**.040**
		452		452			0	
961	8.224 580		8.224 641		1.775 359	9.999 939		039
962	8.225 032	452	8.225 093	452	1.774 907	9.999 939	0	038
963	8.225 483	451	8.225 545	452	1.774 455	9.999 939	0	037
		451		450			0	
964	8.225 934		8.225 995		1.774 005	9.999 939		036
965	8.226 384	450	8.226 446	451	1.773 554	9.999 938	1	035
966	8.226 834	450	8.226 896	450	1.773 104	9.999 938	0	034
		449		449			0	
967	8.227 283		8.227 345		1.772 655	9.999 938		033
968	8.227 732	449	8.227 794	449	1.772 206	9.999 938	0	032
969	8.228 180	448	8.228 243	449	1.771 757	9.999 938	0	031
		448		448			0	
.970	8.228 628		8.228 691		1.771 309	9.999 938		**.030**
		448		447			0	
971	8.229 076		8.229 138		1.770 862	9.999 938		029
972	8.229 523	447	8.229 585	447	1.770 415	9.999 938	0	028
973	8.229 969	446	8.230 032	447	1.769 968	9.999 937	1	027
		446		446			0	
974	8.230 415		8.230 478		1.769 522	9.999 937		026
975	8.230 861	446	8.230 924	446	1.769 076	9.999 937	0	025
976	8.231 306	445	8.231 369	445	1.768 631	9.999 937	0	024
		445		445			0	
977	8.231 751		8.231 814		1.768 186	9.999 937		023
978	8.232 195	444	8.232 258	444	1.767 742	9.999 937	0	022
979	8.232 639	444	8.232 702	444	1.767 298	9.999 937	0	021
		443		444			1	
.980	8.233 082		8.233 146		1.766 854	9.999 936		**.020**
		443		443			0	
981	8.233 525		8.233 589		1.766 411	9.999 936		019
982	8.233 968	443	8.234 031	442	1.765 969	9.999 936	0	018
983	8.234 410	442	8.234 473	442	1.765 527	9.999 936	0	017
		441		442			0	
984	8.234 851		8.234 915		1.765 085	9.999 936		016
985	8.235 292	441	8.235 356	441	1.764 644	9.999 936	0	015
986	8.235 733	441	8.235 797	441	1.764 203	9.999 936	0	014
		440		440			0	
987	8.236 173		8.236 237		1.763 763	9.999 936		013
988	8.236 613	440	8.236 677	440	1.763 323	9.999 935	1	012
989	8.237 052	439	8.237 117	440	1.762 883	9.999 935	0	011
		439		439			0	
.990	8.237 491		8.237 556		1.762 444	9.999 935		**.010**
		438		438			0	
991	8.237 929		8.237 994		1.762 006	9.999 935		009
992	8.238 367	438	8.238 432	438	1.761 568	9.999 935	0	008
993	8.238 805	438	8.238 870	438	1.761 130	9.999 935	0	007
		437		437			0	
994	8.239 242		8.239 307		1.760 693	9.999 935		006
995	8.239 679	437	8.239 744	437	1.760 256	9.999 935	0	005
996	8.240 115	436	8.240 180	436	1.759 820	9.999 934	1	004
		436		436			0	
997	8.240 551		8.240 616		1.759 384	9.999 934		003
998	8.240 986	435	8.241 052	436	1.758 948	9.999 934	0	002
999	8.241 421	435	8.241 487	435	1.758 513	9.999 934	0	001
		434		434			0	
***000**	8.241 855		8.241 921		1.758 079	9.999 934		**.000**
	cos	d	cotg	d	tang	sin	d	**89°**

P.P.

	457	456	455
1	45.7	45.6	45.5
2	91.4	91.2	91.0
3	137.1	136.8	136.5
4	182.8	182.4	182.0
5	228.5	228.0	227.5
6	274.2	273.6	273.0
7	319.9	319.2	318.5
8	365.6	364.8	364.0
9	411.3	410.4	409.5

	454	453	452
1	45.4	45.3	45.2
2	90.8	90.6	90.4
3	136.2	135.9	135.6
4	181.6	181.2	180.8
5	227.0	226.5	226.0
6	272.4	271.8	271.2
7	317.8	317.1	316.4
8	363.2	362.4	361.6
9	408.6	407.7	406.8

	450	448	447
1	45.0	44.8	44.7
2	90.0	89.6	89.4
3	135.0	134.4	134.1
4	180.0	179.2	178.8
5	225.0	224.0	223.5
6	270.0	268.8	268.2
7	315.0	313.6	312.9
8	360.0	358.4	357.6
9	405.0	403.2	402.3

	446	445	444
1	44.6	44.5	44.4
2	89.2	89.0	88.8
3	133.8	133.5	133.2
4	178.4	178.0	177.6
5	223.0	222.5	222.0
6	267.6	267.0	266.4
7	312.2	311.5	310.8
8	356.8	356.0	355.2
9	401.4	400.5	399.6

	443	442	440
1	44.3	44.2	44.0
2	88.6	88.4	88.0
3	132.9	132.6	132.0
4	177.2	176.8	176.0
5	221.5	221.0	220.0
6	265.8	265.2	264.0
7	310.1	309.4	308.0
8	354.4	353.6	352.0
9	398.7	397.8	396.0

	439	438	437
1	43.9	43.8	43.7
2	87.8	87.6	87.4
3	131.7	131.4	131.1
4	175.6	175.2	174.8
5	219.5	219.0	218.5
6	263.4	262.8	262.2
7	307.3	306.6	305.9
8	351.2	350.4	349.6
9	395.1	394.2	393.3

	436	435	434
1	43.6	43.5	43.4
2	87.2	87.0	86.8
3	130.8	130.5	130.2
4	174.4	174.0	173.6
5	218.0	217.5	217.0
6	261.6	261.0	260.4
7	305.2	304.5	303.8
8	348.8	348.0	347.2
9	392.4	391.5	390.6

$89^\circ.050 - 89^\circ.000$

1°.000 — 1°.050

1°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.241 855		8.241 921		1.758 079	9.999 934		*000	
		434		435			0		435 434 433
001	8.242 289		8.242 356		1.757 644	9.999 934		999	1 43.5 43.4 43.3
002	8.242 723	434	8.242 789	433	1.757 211	9.999 934	0	998	2 87.0 86.8 86.6
003	8.243 156	433	8.243 223	434	1.756 777	9.999 933	1	997	3 130.5 130.2 129.9
		433		433			0		4 174.0 173.6 173.2
004	8.243 589		8.243 656		1.756 344	9.999 933		996	5 217.5 217.0 216.5
005	8.244 021	432	8.244 088	432	1.755 912	9.999 933	0	995	6 261.0 260.4 259.8
006	8.244 453	432	8.244 520	432	1.755 480	9.999 933	0	994	7 304.5 303.8 303.1
		431		432			0		8 348.0 347.2 346.4
007	8.244 884		8.244 952		1.755 048	9.999 933		993	9 391.5 390.6 389.7
008	8.245 315	431	8.245 383	431	1.754 617	9.999 933	0	992	
009	8.245 746	431	8.245 813	430	1.754 187	9.999 933	0	991	432 430 429
		430		431			0		1 43.2 43.0 42.9
.010	8.246 176		8.246 244		1.753 756	9.999 933		.990	2 86.4 86.0 85.8
		430		430			1		3 129.6 129.0 128.7
011	8.246 606		8.246 674		1.753 326	9.999 932		989	4 172.8 172.0 171.6
012	8.247 035	429	8.247 103	429	1.752 897	9.999 932	0	988	5 216.0 215.0 214.5
013	8.247 464	429	8.247 532	429	1.752 468	9.999 932	0	987	6 259.2 258.0 257.4
		429		429			0		7 302.4 301.0 300.3
014	8.247 893		8.247 961		1.752 039	9.999 932		986	8 345.6 344.0 343.2
015	8.248 321	428	8.248 389	428	1.751 611	9.999 932	0	985	9 388.8 387.0 386.1
016	8.248 748	427	8.248 817	428	1.751 183	9.999 932	0	984	
		428		427			0		428 427 426
017	8.249 176		8.249 244		1.750 756	9.999 932		983	1 42.8 42.7 42.6
018	8.249 602	426	8.249 671	427	1.750 329	9.999 931	1	982	2 85.6 85.4 85.2
019	8.250 029	427	8.250 097	426	1.749 903	9.999 931	0	981	3 128.4 128.1 127.8
		426		426			0		4 171.2 170.8 170.4
.020	8.250 455		8.250 523		1.749 477	9.999 931		.980	5 214.0 213.5 213.0
		425		426			0		6 256.8 256.2 255.6
021	8.250 880		8.250 949		1.749 051	9.999 931		979	7 299.6 298.9 298.2
022	8.251 305	425	8.251 374	425	1.748 626	9.999 931	0	978	8 342.4 341.6 340.8
023	8.251 730	425	8.251 799	425	1.748 201	9.999 931	0	977	9 385.2 384.3 383.4
		424		425			0		
024	8.252 154		8.252 224		1.747 776	9.999 931		976	425 424 423
025	8.252 578	424	8.252 648	424	1.747 352	9.999 931	0	975	1 42.5 42.4 42.3
026	8.253 002	424	8.253 071	423	1.746 929	9.999 930	1	974	2 85.0 84.8 84.6
		423		423			0		3 127.5 127.2 126.9
027	8.253 425		8.253 494		1.746 506	9.999 930		973	4 170.0 169.6 169.2
028	8.253 847	422	8.253 917	423	1.746 083	9.999 930	0	972	5 212.5 212.0 211.5
029	8.254 269	422	8.254 339	422	1.745 661	9.999 930	0	971	6 255.0 254.4 253.8
		422		422			0		7 297.5 296.8 296.1
.030	8.254 691		8.254 761		1.745 239	9.999 930		.970	8 340.0 339.2 338.4
		422		422			0		9 382.5 381.6 380.7
031	8.255 113		8.255 183		1.744 817	9.999 930		969	
032	8.255 534	421	8.255 604	421	1.744 396	9.999 930	0	968	422 420 419
033	8.255 954	420	8.256 025	421	1.743 975	9.999 929	1	967	1 42.2 42.0 41.9
		420		420			0		2 84.4 84.0 83.8
034	8.256 374		8.256 445		1.743 555	9.999 929		966	3 126.6 126.0 125.7
035	8.256 794	420	8.256 865	420	1.743 135	9.999 929	0	965	4 168.8 168.0 167.6
036	8.257 213	419	8.257 284	419	1.742 716	9.999 929	0	964	5 211.0 210.0 209.5
		419		420			0		6 253.2 252.0 251.4
037	8.257 632		8.257 704		1.742 296	9.999 929		963	7 295.4 294.0 293.3
038	8.258 051	419	8.258 122	418	1.741 878	9.999 929	0	962	8 337.6 336.0 335.2
039	8.258 469	418	8.258 541	419	1.741 459	9.999 929	0	961	9 379.8 378.0 377.1
		418		417			1		
.040	8.258 887		8.258 958		1.741 042	9.999 928		.960	418 417 416
		417		418			0		1 41.8 41.7 41.6
041	8.259 304		8.259 376		1.740 624	9.999 928		959	2 83.6 83.4 83.2
042	8.259 721	417	8.259 793	417	1.740 207	9.999 928	0	958	3 125.4 125.1 124.8
043	8.260 138	417	8.260 210	417	1.739 790	9.999 928	0	957	4 167.2 166.8 166.4
		416		416			0		5 209.0 208.5 208.0
044	8.260 554		8.260 626		1.739 374	9.999 928		956	6 250.8 250.2 249.6
045	8.260 970	416	8.261 042	416	1.738 958	9.999 928	0	955	7 292.6 291.9 291.2
046	8.261 385	415	8.261 457	415	1.738 543	9.999 928	0	954	8 334.4 333.6 332.8
		415		415			1		9 376.2 375.3 374.4
047	8.261 800		8.261 872		1.738 128	9.999 927		953	
048	8.262 214	414	8.262 287	415	1.737 713	9.999 927	0	952	415 414 413
049	8.262 629	415	8.262 701	414	1.737 299	9.999 927	0	951	1 41.5 41.4 41.3
		413		414			0		2 83.0 82.8 82.6
.050	8.263 042		8.263 115		1.736 885	9.999 927		.950	3 124.5 124.2 123.9
	cos	d	cotg	d	tang	sin	d	88°	4 166.0 165.6 165.2
									5 207.5 207.0 206.5
									6 249.0 248.4 247.8
									7 290.5 289.8 289.1
									8 332.0 331.2 330.4
									9 373.5 372.6 371.7

89°.000 — 88°.950

$1^\circ.050 - 1^\circ.100$

1°	sin	d	tang	d	cotg	cos	d	
.050	8.263 042		8.263 115		1.736 885	9.999 927		**.950**
		414		414			0	
051	8.263 456		8.263 529		1.736 471	9.999 927	0	949
052	8.263 869	413	8.263 942	413	1.736 058	9.999 927	0	948
053	8.264 281	412	8.264 355	413	1.735 645	9.999 927	0	947
		412		412			0	
054	8.264 693		8.264 767		1.735 233	9.999 927		946
055	8.265 105	412	8.265 179	412	1.734 821	9.999 926	1	945
056	8.265 517	412	8.265 590	411	1.734 410	9.999 926	0	944
		411		412			0	
057	8.265 928		8.266 002		1.733 998	9.999 926		943
058	8.266 338	410	8.266 412	410	1.733 588	9.999 926	0	942
059	8.266 749	411	8.266 823	411	1.733 177	9.999 926	0	941
		409		410			0	
.060	8.267 158		8.267 233		1.732 767	9.999 926		**.940**
		410		409			0	
061	8.267 568		8.267 642		1.732 358	9.999 926		939
062	8.267 977	409	8.268 052	410	1.731 948	9.999 925	1	938
063	8.268 386	409	8.268 460	408	1.731 540	9.999 925	0	937
		408		409			0	
064	8.268 794		8.268 869		1.731 131	9.999 925		936
065	8.269 202	408	8.269 277	408	1.730 723	9.999 925	0	935
066	8.269 610	408	8.269 685	408	1.730 315	9.999 925	0	934
		407		407			0	
067	8.270 017		8.270 092		1.729 908	9.999 925		933
068	8.270 423	406	8.270 499	407	1.729 501	9.999 925	0	932
069	8.270 830	407	8.270 905	406	1.729 095	9.999 924	1	931
		406		407			0	
.070	8.271 236		8.271 312		1.728 688	9.999 924		**.930**
		406		405			0	
071	8.271 642		8.271 717		1.728 283	9.999 924		929
072	8.272 047	405	8.272 123	406	1.727 877	9.999 924	0	928
073	8.272 452	405	8.272 528	405	1.727 472	9.999 924	0	927
		404		405			0	
074	8.272 856		8.272 933		1.727 067	9.999 924		926
075	8.273 260	404	8.273 337	404	1.726 663	9.999 924	0	925
076	8.273 664	404	8.273 741	404	1.726 259	9.999 923	1	924
		403		403			0	
077	8.274 067		8.274 144		1.725 856	9.999 923		923
078	8.274 471	404	8.274 547	403	1.725 453	9.999 923	0	922
079	8.274 873	402	8.274 950	403	1.725 050	9.999 923	0	921
		402		403			0	
.080	8.275 275		8.275 353		1.724 647	9.999 923		**.920**
		402		402			0	
081	8.275 677		8.275 755		1.724 245	9.999 923		919
082	8.276 079	402	8.276 156	401	1.723 844	9.999 923	0	918
083	8.276 480	401	8.276 558	402	1.723 442	9.999 922	1	917
		401		400			0	
084	8.276 881		8.276 958		1.723 042	9.999 922		916
085	8.277 281	400	8.277 359	401	1.722 641	9.999 922	0	915
086	8.277 681	400	8.277 759	400	1.722 241	9.999 922	0	914
		400		400			0	
087	8.278 081		8.278 159		1.721 841	9.999 922		913
088	8.278 480	399	8.278 558	399	1.721 442	9.999 922	0	912
089	8.278 879	399	8.278 958	400	1.721 042	9.999 922	0	911
		399		398			1	
.090	8.279 278		8.279 356		1.720 644	9.999 921		**.910**
		398		399			0	
091	8.279 676		8.279 755		1.720 245	9.999 921		909
092	8.280 074	398	8.280 153	398	1.719 847	9.999 921	0	908
093	8.280 471	397	8.280 550	397	1.719 450	9.999 921	0	907
		397		397			0	
094	8.280 868		8.280 947		1.719 053	9.999 921		906
095	8.281 265	397	8.281 344	397	1.718 656	9.999 921	0	905
096	8.281 661	396	8.281 741	397	1.718 259	9.999 921	0	904
		396		396			1	
097	8.282 057		8.282 137		1.717 863	9.999 920		903
098	8.282 453	396	8.282 533	396	1.717 467	9.999 920	0	902
099	8.282 848	395	8.282 928	395	1.717 072	9.999 920	0	901
		395		395			0	
.100	8.283 243		8.283 323		1.716 677	9.999 920		**.900**
	cos	d	cotg	d	tang	sin	d	88°

P.P.

	414	413	412
1	41.4	41.3	41.2
2	82.8	82.6	82.4
3	124.2	123.9	123.6
4	165.6	165.2	164.8
5	207.0	206.5	206.0
6	248.4	247.8	247.2
7	289.8	289.1	288.4
8	331.2	330.4	329.6
9	372.6	371.7	370.8

	411	410	409
1	41.1	41.0	40.9
2	82.2	82.0	81.8
3	123.3	123.0	122.7
4	164.4	164.0	163.6
5	205.5	205.0	204.5
6	246.6	246.0	245.4
7	287.7	287.0	286.3
8	328.8	328.0	327.2
9	369.9	369.0	368.1

	408	407	406
1	40.8	40.7	40.6
2	81.6	81.4	81.2
3	122.4	122.1	121.8
4	163.2	162.8	162.4
5	204.0	203.5	203.0
6	244.8	244.2	243.6
7	285.6	284.9	284.2
8	326.4	325.6	324.8
9	367.2	366.3	365.4

	405	404
1	40.5	40.4
2	81.0	80.8
3	121.5	121.2
4	162.0	161.6
5	202.5	202.0
6	243.0	242.4
7	283.5	282.8
8	324.0	323.2
9	364.5	363.6

	403	402	401
1	40.3	40.2	40.1
2	80.6	80.4	80.2
3	120.9	120.6	120.3
4	161.2	160.8	160.4
5	201.5	201.0	200.5
6	241.8	241.2	240.6
7	282.1	281.4	280.7
8	322.4	321.6	320.8
9	362.7	361.8	360.9

	400	399	398
1	40.0	39.9	39.8
2	80.0	79.8	79.6
3	120.0	119.7	119.4
4	160.0	159.6	159.2
5	200.0	199.5	199.0
6	240.0	239.4	238.8
7	280.0	279.3	278.6
8	320.0	319.2	318.4
9	360.0	359.1	358.2

	397	396	395
1	39.7	39.6	39.5
2	79.4	79.2	79.0
3	119.1	118.8	118.5
4	158.8	158.4	158.0
5	198.5	198.0	197.5
6	238.2	237.6	237.0
7	277.9	277.2	276.5
8	317.6	316.8	316.0
9	357.3	356.4	355.5

1°.100 — 1°.150

1°	sin	d	tang	d	cotg	cos	d	
.100	8.283 243		8.283 323		1.716 677	9.999 920		.900
		395		395			0	
101	8.283 638		8.283 718		1.716 282	9.999 920		899
102	8.284 032	394	8.284 113	395	1.715 887	9.999 920	0	898
103	8.284 426	394	8.284 507	394	1.715 493	9.999 920	0	897
		394		393			1	
104	8.284 820		8.284 900		1.715 100	9.999 919		896
105	8.285 213	393	8.285 293	393	1.714 707	9.999 919	0	895
106	8.285 606	393	8.285 686	393	1.714 314	9.999 919	0	894
		392		393			0	
107	8.285 998		8.286 079		1.713 921	9.999 919		893
108	8.286 390	392	8.286 471	392	1.713 529	9.999 919	0	892
109	8.286 782	392	8.286 863	392	1.713 137	9.999 919	0	891
		391		392			1	
.110	8.287 173		8.287 255		1.712 745	9.999 918		.890
		391		391			0	
111	8.287 564		8.287 646		1.712 354	9.999 918		889
112	8.287 955	391	8.288 037	391	1.711 963	9.999 918	0	888
113	8.288 345	390	8.288 427	390	1.711 573	9.999 918	0	887
		390		390			0	
114	8.288 735		8.288 817		1.711 183	9.999 918		886
115	8.289 125	390	8.289 207	390	1.710 793	9.999 918	0	885
116	8.289 514	389	8.289 596	389	1.710 404	9.999 918	0	884
		389		390			1	
117	8.289 903		8.289 986		1.710 014	9.999 917		883
118	8.290 292	389	8.290 374	388	1.709 626	9.999 917	0	882
119	8.290 680	388	8.290 763	389	1.709 237	9.999 917	0	881
		388		388			0	
.120	8.291 068		8.291 151		1.708 849	9.999 917		.880
		387		387			0	
121	8.291 455		8.291 538		1.708 462	9.999 917		879
122	8.291 842	387	8.291 926	388	1.708 074	9.999 917	0	878
123	8.292 229	387	8.292 313	387	1.707 687	9.999 917	0	877
		387		386			1	
124	8.292 616		8.292 699		1.707 301	9.999 916		876
125	8.293 002	386	8.293 086	387	1.706 914	9.999 916	0	875
126	8.293 388	386	8.293 472	386	1.706 528	9.999 916	0	874
		385		385			0	
127	8.293 773		8.293 857		1.706 143	9.999 916		873
128	8.294 158	385	8.294 243	386	1.705 757	9.999 916	0	872
129	8.294 543	385	8.294 628	385	1.705 372	9.999 916	0	871
		385		384			0	
.130	8.294 928		8.295 012		1.704 988	9.999 916		.870
		384		384			1	
131	8.295 312		8.295 396		1.704 604	9.999 915		869
132	8.295 696	384	8.295 780	384	1.704 220	9.999 915	0	868
133	8.296 079	383	8.296 164	384	1.703 836	9.999 915	0	867
		383		383			0	
134	8.296 462		8.296 547		1.703 453	9.999 915		866
135	8.296 845	383	8.296 930	383	1.703 070	9.999 915	0	865
136	8.297 227	382	8.297 313	383	1.702 687	9.999 915	0	864
		382		382			1	
137	8.297 609		8.297 695		1.702 305	9.999 914		863
138	8.297 991	382	8.298 077	382	1.701 923	9.999 914	0	862
139	8.298 372	381	8.298 458	381	1.701 542	9.999 914	0	861
		382		382			0	
.140	8.298 754		8.298 840		1.701 160	9.999 914		.860
		380		380			0	
141	8.299 134		8.299 220		1.700 780	9.999 914		859
142	8.299 515	381	8.299 601	381	1.700 399	9.999 914	0	858
143	8.299 895	380	8.299 981	380	1.700 019	9.999 914	0	857
		380		380			1	
144	8.300 275		8.300 361		1.699 639	9.999 913		856
145	8.300 654	379	8.300 741	380	1.699 259	9.999 913	0	855
146	8.301 033	379	8.301 120	379	1.698 880	9.999 913	0	854
		379		379			0	
147	8.301 412		8.301 499		1.698 501	9.999 913		853
148	8.301 790	378	8.301 877	378	1.698 123	9.999 913	0	852
149	8.302 168	378	8.302 256	379	1.697 744	9.999 913	0	851
		378		378			0	
.150	8.302 546		8.302 634		1.697 366	9.999 913		.850
	cos	d	cotg	d	tang	sin	d	88°

P.P.

	395	394	393
1	39.5	39.4	39.3
2	79.0	78.8	78.6
3	118.5	118.2	117.9
4	158.0	157.6	157.2
5	197.5	197.0	196.5
6	237.0	236.4	235.8
7	276.5	275.8	275.1
8	316.0	315.2	314.4
9	355.5	354.6	353.7

	392	391
1	39.2	39.1
2	78.4	78.2
3	117.6	117.3
4	156.8	156.4
5	196.0	195.5
6	235.2	234.6
7	274.4	273.7
8	313.6	312.8
9	352.8	351.9

	390	389	388
1	39.0	38.9	38.8
2	78.0	77.8	77.6
3	117.0	116.7	116.4
4	156.0	155.6	155.2
5	195.0	194.5	194.0
6	234.0	233.4	232.8
7	273.0	272.3	271.6
8	312.0	311.2	310.4
9	351.0	350.1	349.2

	387	386
1	38.7	38.6
2	77.4	77.2
3	116.1	115.8
4	154.8	154.4
5	193.5	193.0
6	232.2	231.6
7	270.9	270.2
8	309.6	308.8
9	348.3	347.4

	385	384	383
1	38.5	38.4	38.3
2	77.0	76.8	76.6
3	115.5	115.2	114.9
4	154.0	153.6	153.2
5	192.5	192.0	191.5
6	231.0	230.4	229.8
7	269.5	268.8	268.1
8	308.0	307.2	306.4
9	346.5	345.6	344.7

	382	381
1	38.2	38.1
2	76.4	76.2
3	114.6	114.3
4	152.8	152.4
5	191.0	190.5
6	229.2	228.6
7	267.4	266.7
8	305.6	304.8
9	343.8	342.9

	380	379	378
1	38.0	37.9	37.8
2	76.0	75.8	75.6
3	114.0	113.7	113.4
4	152.0	151.6	151.2
5	190.0	189.5	189.0
6	228.0	227.4	226.8
7	266.0	265.3	264.6
8	304.0	303.2	302.4
9	342.0	341.1	340.2

88°.900 — 88°.850

$1^\circ.150 - 1^\circ.200$

1°	sin	d	tang	d	cotg	cos	d	
.150	8.302 546		8.302 634		1.697 366	9.999 913		**.850**
		377		377			1	
151	8.302 923		8.303 011		1.696 989	9.999 912		849
152	8.303 301	378	8.303 388	377	1.696 612	9.999 912	0	848
153	8.303 677	376	8.303 765	377	1.696 235	9.999 912	0	847
		377		377			0	
154	8.304 054		8.304 142		1.695 858	9.999 912		846
155	8.304 430	376	8.304 518	376	1.695 482	9.999 912	0	845
156	8.304 806	376	8.304 894	376	1.695 106	9.999 912	0	844
		375		376			1	
157	8.305 181		8.305 270		1.694 730	9.999 911		843
158	8.305 556	375	8.305 645	375	1.694 355	9.999 911	0	842
159	8.305 931	375	8.306 020	375	1.693 980	9.999 911	0	841
		375		375			0	
.160	8.306 306		8.306 395		1.693 605	9.999 911		**.840**
		374		374			0	
161	8.306 680		8.306 769		1.693 231	9.999 911		839
162	8.307 054	374	8.307 143	374	1.692 857	9.999 911	0	838
163	8.307 427	373	8.307 517	374	1.692 483	9.999 911	0	837
		373		373			1	
164	8.307 800		8.307 890		1.692 110	9.999 910		836
165	8.308 173	373	8.308 263	373	1.691 737	9.999 910	0	835
166	8.308 546	373	8.308 636	373	1.691 364	9.999 910	0	834
		372		372			0	
167	8.308 918		8.309 008		1.690 992	9.999 910		833
168	8.309 290	372	8.309 380	372	1.690 620	9.999 910	0	832
169	8.309 662	372	8.309 752	372	1.690 248	9.999 910	0	831
		371		372			1	
.170	8.310 033		8.310 124		1.689 876	9.999 909		**.830**
		371		371			0	
171	8.310 404		8.310 495		1.689 505	9.999 909		829
172	8.310 775	371	8.310 866	371	1.689 134	9.999 909	0	828
173	8.311 145	370	8.311 236	370	1.688 764	9.999 909	0	827
		370		370			0	
174	8.311 515		8.311 606		1.688 394	9.999 909		826
175	8.311 885	370	8.311 976	370	1.688 024	9.999 909	0	825
176	8.312 254	369	8.312 346	370	1.687 654	9.999 909	0	824
		369		369			1	
177	8.312 623		8.312 715		1.687 285	9.999 908		823
178	8.312 992	369	8.313 084	369	1.686 916	9.999 908	0	822
179	8.313 361	369	8.313 452	368	1.686 548	9.999 908	0	821
		368		369			0	
.180	8.313 729		8.313 821		1.686 179	9.999 908		**.820**
		368		368			0	
181	8.314 097		8.314 189		1.685 811	9.999 908		819
182	8.314 464	367	8.314 556	367	1.685 444	9.999 908	0	818
183	8.314 831	367	8.314 924	368	1.685 076	9.999 907	1	817
		367		367			0	
184	8.315 198		8.315 291		1.684 709	9.999 907		816
185	8.315 565	367	8.315 658	367	1.684 342	9.999 907	0	815
186	8.315 931	366	8.316 024	366	1.683 976	9.999 907	0	814
		366		366			0	
187	8.316 297		8.316 390		1.683 610	9.999 907		813
188	8.316 663	366	8.316 756	366	1.683 244	9.999 907	0	812
189	8.317 028	365	8.317 122	366	1.682 878	9.999 906	1	811
		365		365			0	
.190	8.317 393		8.317 487		1.682 513	9.999 906		**.810**
		365		365			0	
191	8.317 758		8.317 852		1.682 148	9.999 906		809
192	8.318 122	364	8.318 216	364	1.681 784	9.999 906	0	808
193	8.318 486	364	8.318 581	365	1.681 419	9.999 906	0	807
		364		364			0	
194	8.318 850		8.318 945		1.681 055	9.999 906		806
195	8.319 214	364	8.319 308	363	1.680 692	9.999 906	0	805
196	8.319 577	363	8.319 672	364	1.680 328	9.999 905	1	804
		363		363			0	
197	8.319 940		8.320 035		1.679 965	9.999 905		803
198	8.320 303	363	8.320 397	362	1.679 603	9.999 905	0	802
199	8.320 665	362	8.320 760	363	1.679 240	9.999 905	0	801
		362		362			0	
.200	8.321 027		8.321 122		1.678 878	9.999 905		**.800**
	cos	d	cotg	d	tang	sin	d	88°

P.P.

	378	377
1	37.8	37.7
2	75.6	75.4
3	113.4	113.1
4	151.2	150.8
5	189.0	188.5
6	226.8	226.2
7	264.6	263.9
8	302.4	301.6
9	340.2	339.3

	376	375	374
1	37.6	37.5	37.4
2	75.2	75.0	74.8
3	112.8	112.5	112.2
4	150.4	150.0	149.6
5	188.0	187.5	187.0
6	225.6	225.0	224.4
7	263.2	262.5	261.8
8	300.8	300.0	299.2
9	338.4	337.5	336.6

	373	372
1	37.3	37.2
2	74.6	74.4
3	111.9	111.6
4	149.2	148.8
5	186.5	186.0
6	223.8	223.2
7	261.1	260.4
8	298.4	297.6
9	335.7	334.8

	371	370	369
1	37.1	37.0	36.9
2	74.2	74.0	73.8
3	111.3	111.0	110.7
4	148.4	148.0	147.6
5	185.5	185.0	184.5
6	222.6	222.0	221.4
7	259.7	259.0	258.3
8	296.8	296.0	295.2
9	333.9	333.0	332.1

	368	367
1	36.8	36.7
2	73.6	73.4
3	110.4	110.1
4	147.2	146.8
5	184.0	183.5
6	220.8	220.2
7	257.6	256.9
8	294.4	293.6
9	331.2	330.3

	366	365	364
1	36.6	36.5	36.4
2	73.2	73.0	72.8
3	109.8	109.5	109.2
4	146.4	146.0	145.6
5	183.0	182.5	182.0
6	219.6	219.0	218.4
7	256.2	255.5	254.8
8	292.8	292.0	291.2
9	329.4	328.5	327.6

	363	362
1	36.3	36.2
2	72.6	72.4
3	108.9	108.6
4	145.2	144.8
5	181.5	181.0
6	217.8	217.2
7	254.1	253.4
8	290.4	289.6
9	326.7	325.8

$88^\circ.850 - 88^\circ.800$

$1^\circ.200 - 1^\circ.250$

1°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.321 027		8.321 122		1.678 878	9.999 905		**.800**	
		362		362			0		
201	8.321 389		8.321 484		1.678 516	9.999 905		799	
202	8.321 750	361	8.321 846	362	1.678 154	9.999 904	1	798	
203	8.322 111	361	8.322 207	361	1.677 793	9.999 904	0	797	
		361		361			0		
204	8.322 472		8.322 568		1.677 432	9.999 904		796	
205	8.322 832	360	8.322 928	360	1.677 072	9.999 904	0	795	
206	8.323 193	361	8.323 289	361	1.676 711	9.999 904	0	794	
		360		360			0		
207	8.323 553		8.323 649		1.676 351	9.999 904		793	
208	8.323 912	359	8.324 009	360	1.675 991	9.999 903	1	792	
209	8.324 271	359	8.324 368	359	1.675 632	9.999 903	0	791	
		359		359			0		
.210	8.324 630		8.324 727		1.675 273	9.999 903		**.790**	
		359		359			0		
211	8.324 989		8.325 086		1.674 914	9.999 903		789	
212	8.325 348	359	8.325 445	359	1.674 555	9.999 903	0	788	
213	8.325 706	358	8.325 803	358	1.674 197	9.999 903	0	787	
		358		358			0		
214	8.326 064		8.326 161		1.673 839	9.999 903		786	
215	8.326 421	357	8.326 519	358	1.673 481	9.999 902	1	785	
216	8.326 778	357	8.326 876	357	1.673 124	9.999 902	0	784	
		357		357			0		
217	8.327 135		8.327 233		1.672 767	9.999 902		783	
218	8.327 492	357	8.327 590	357	1.672 410	9.999 902	0	782	
219	8.327 848	356	8.327 947	357	1.672 053	9.999 902	0	781	
		356		356			0		
.220	8.328 204		8.328 303		1.671 697	9.999 902		**.780**	
		356		356			1		
221	8.328 560		8.328 659		1.671 341	9.999 901		779	
222	8.328 916	356	8.329 014	355	1.670 986	9.999 901	0	778	
223	8.329 271	355	8.329 370	356	1.670 630	9.999 901	0	777	
		355		355			0		
224	8.329 626		8.329 725		1.670 275	9.999 901		776	
225	8.329 980	354	8.330 080	355	1.669 920	9.999 901	0	775	
226	8.330 335	355	8.330 434	354	1.669 566	9.999 901	0	774	
		354		354			1		
227	8.330 689		8.330 788		1.669 212	9.999 900		773	
228	8.331 042	353	8.331 142	354	1.668 858	9.999 900	0	772	
229	8.331 396	354	8.331 496	354	1.668 504	9.999 900	0	771	
		353		353			0		
.230	8.331 749		8.331 849		1.668 151	9.999 900		**.770**	
		353		353			0		
231	8.332 102		8.332 202		1.667 798	9.999 900		769	
232	8.332 455	353	8.332 555	353	1.667 445	9.999 900	0	768	
233	8.332 807	352	8.332 907	352	1.667 093	9.999 899	1	767	
		352		353			0		
234	8.333 159		8.333 260		1.666 740	9.999 899		766	
235	8.333 511	352	8.333 612	352	1.666 388	9.999 899	0	765	
236	8.333 862	351	8.333 963	351	1.666 037	9.999 899	0	764	
		351		352			0		
237	8.334 213		8.334 315		1.665 685	9.999 899		763	
238	8.334 564	351	8.334 666	351	1.665 334	9.999 899	0	762	
239	8.334 915	351	8.335 016	350	1.664 984	9.999 898	1	761	
		350		351			0		
.240	8.335 265		8.335 367		1.664 633	9.999 898		**.760**	
		350		350			0		
241	8.335 615		8.335 717		1.664 283	9.999 898		759	
242	8.335 965	350	8.336 067	350	1.663 933	9.999 898	0	758	
243	8.336 314	349	8.336 417	350	1.663 583	9.999 898	0	757	
		350		349			0		
244	8.336 664		8.336 766		1.663 234	9.999 898		756	
245	8.337 013	349	8.337 115	349	1.662 885	9.999 897	1	755	
246	8.337 361	348	8.337 464	349	1.662 536	9.999 897	0	754	
		349		348			0		
247	8.337 710		8.337 812		1.662 188	9.999 897		753	
248	8.338 058	348	8.338 161	349	1.661 839	9.999 897	0	752	
249	8.338 405	347	8.338 509	348	1.661 491	9.999 897	0	751	
		348		347			0		
.250	8.338 753		8.338 856		1.661 144	9.999 897		**.750**	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	362	361
1	36.2	36.1
2	72.4	72.2
3	108.6	108.3
4	144.8	144.4
5	181.0	180.5
6	217.2	216.6
7	253.4	252.7
8	289.6	288.8
9	325.8	324.9

	360	359	358
1	36.0	35.9	35.8
2	72.0	71.8	71.6
3	108.0	107.7	107.4
4	144.0	143.6	143.2
5	180.0	179.5	179.0
6	216.0	215.4	214.8
7	252.0	251.3	250.6
8	288.0	287.2	286.4
9	324.0	323.1	322.2

	357	356
1	35.7	35.6
2	71.4	71.2
3	107.1	106.8
4	142.8	142.4
5	178.5	178.0
6	214.2	213.6
7	249.9	249.2
8	285.6	284.8
9	321.3	320.4

	355	354
1	35.5	35.4
2	71.0	70.8
3	106.5	106.2
4	142.0	141.6
5	177.5	177.0
6	213.0	212.4
7	248.5	247.8
8	284.0	283.2
9	319.5	318.6

	353	352
1	35.3	35.2
2	70.6	70.4
3	105.9	105.6
4	141.2	140.8
5	176.5	176.0
6	211.8	211.2
7	247.1	246.4
8	282.4	281.6
9	317.7	316.8

	351	350	349
1	35.1	35.0	34.9
2	70.2	70.0	69.8
3	105.3	105.0	104.7
4	140.4	140.0	139.6
5	175.5	175.0	174.5
6	210.6	210.0	209.4
7	245.7	245.0	244.3
8	280.8	280.0	279.2
9	315.9	315.0	314.1

	348	347
1	34.8	34.7
2	69.6	69.4
3	104.4	104.1
4	139.2	138.8
5	174.0	173.5
6	208.8	208.2
7	243.6	242.9
8	278.4	277.6
9	313.2	312.3

$88^\circ.800 - 88^\circ.750$

$1^\circ.250 - 1^\circ.300$

1°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.338 753		8.338 856		1.661 144	9.999 897		**.750**	
		347		348			1		
251	8.339 100		8.339 204		1.660 796	9.999 896		749	
252	8.339 447	347	8.339 551	347	1.660 449	9.999 896	0	748	
253	8.339 794	347	8.339 898	347	1.660 102	9.999 896	0	747	
		346		346			0		
254	8.340 140		8.340 244		1.659 756	9.999 896		746	
255	8.340 486	346	8.340 591	347	1.659 409	9.999 896	0	745	
256	8.340 832	346	8.340 937	346	1.659 063	9.999 896	0	744	
		346		345			1		
257	8.341 178		8.341 282		1.658 718	9.999 895		743	
258	8.341 523	345	8.341 628	346	1.658 372	9.999 895	0	742	
259	8.341 868	345	8.341 973	345	1.658 027	9.999 895	0	741	
		345		345			0		
.260	8.342 213		8.342 318		1.657 682	9.999 895		**.740**	
		344		345			0		
261	8.342 557		8.342 663		1.657 337	9.999 895		739	
262	8.342 902	345	8.343 007	344	1.656 993	9.999 895	0	738	
263	8.343 246	344	8.343 351	344	1.656 649	9.999 894	1	737	
		343		344			0		
264	8.343 589		8.343 695		1.656 305	9.999 894		736	
265	8.343 933	344	8.344 038	343	1.655 962	9.999 894	0	735	
266	8.344 276	343	8.344 382	344	1.655 618	9.999 894	0	734	
		343		343			0		
267	8.344 619		8.344 725		1.655 275	9.999 894		733	
268	8.344 961	342	8.345 068	343	1.654 932	9.999 894	0	732	
269	8.345 303	342	8.345 410	342	1.654 590	9.999 893	1	731	
		343		342			0		
.270	8.345 646		8.345 752		1.654 248	9.999 893		**.730**	
		341		342			0		
271	8.345 987		8.346 094		1.653 906	9.999 893		729	
272	8.346 329	342	8.346 436	342	1.653 564	9.999 893	0	728	
273	8.346 670	341	8.346 777	341	1.653 223	9.999 893	0	727	
		341		341			0		
274	8.347 011		8.347 118		1.652 882	9.999 893		726	
275	8.347 352	341	8.347 459	341	1.652 541	9.999 892	1	725	
276	8.347 692	340	8.347 800	341	1.652 200	9.999 892	0	724	
		340		340			0		
277	8.348 032		8.348 140		1.651 860	9.999 892		723	
278	8.348 372	340	8.348 480	340	1.651 520	9.999 892	0	722	
279	8.348 712	340	8.348 820	340	1.651 180	9.999 892	0	721	
		339		340			0		
.280	8.349 051		8.349 160		1.650 840	9.999 892		**.720**	
		339		339			1		
281	8.349 390		8.349 499		1.650 501	9.999 891		719	
282	8.349 729	339	8.349 838	339	1.650 162	9.999 891	0	718	
283	8.350 068	339	8.350 177	339	1.649 823	9.999 891	0	717	
		338		338			0		
284	8.350 406		8.350 515		1.649 485	9.999 891		716	
285	8.350 744	338	8.350 853	338	1.649 147	9.999 891	0	715	
286	8.351 082	338	8.351 191	338	1.648 809	9.999 891	0	714	
		337		338			1		
287	8.351 419		8.351 529		1.648 471	9.999 890		713	
288	8.351 757	338	8.351 866	337	1.648 134	9.999 890	0	712	
289	8.352 094	337	8.352 204	338	1.647 796	9.999 890	0	711	
		336		336			0		
.290	8.352 430		8.352 540		1.647 460	9.999 890		**.710**	
		337		337			0		
291	8.352 767		8.352 877		1.647 123	9.999 890		709	
292	8.353 103	336	8.353 214	337	1.646 786	9.999 890	0	708	
293	8.353 439	336	8.353 550	336	1.646 450	9.999 889	1	707	
		336		335			0		
294	8.353 775		8.353 885		1.646 115	9.999 889		706	
295	8.354 110	335	8.354 221	336	1.645 779	9.999 889	0	705	
296	8.354 445	335	8.354 556	335	1.645 444	9.999 889	0	704	
		335		336			0		
297	8.354 780		8.354 892		1.645 108	9.999 889		703	
298	8.355 115	335	8.355 226	334	1.644 774	9.999 889	0	702	
299	8.355 449	334	8.355 561	335	1.644 439	9.999 888	1	701	
		334		334			0		
.300	8.355 783		8.355 895		1.644 105	9.999 888		**.700**	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	34^8	347	346
1	34.8	34.7	34.6
2	69.6	69.4	69.2
3	104.4	104.1	103.8
4	139.2	138.8	138.4
5	174.0	173.5	173.0
6	208.8	208.2	207.6
7	243.6	242.9	242.2
8	278.4	277.6	276.8
9	313.2	312.3	311.4

	345	344	343
1	34.5	34.4	34.3
2	69.0	68.8	68.6
3	103.5	103.2	102.9
4	138.0	137.6	137.2
5	172.5	172.0	171.5
6	207.0	206.4	205.8
7	241.5	240.8	240.1
8	276.0	275.2	274.4
9	310.5	309.6	308.7

	342	341	340
1	34.2	34.1	34.0
2	68.4	68.2	68.0
3	102.6	102.3	102.0
4	136.8	136.4	136.0
5	171.0	170.5	170.0
6	205.2	204.6	204.0
7	239.4	238.7	238.0
8	273.6	272.8	272.0
9	307.8	306.9	306.0

	339	33^8	337
1	33.9	33.8	33.7
2	67.8	67.6	67.4
3	101.7	101.4	101.1
4	135.6	135.2	134.8
5	169.5	169.0	168.5
6	203.4	202.8	202.2
7	237.3	236.6	235.9
8	271.2	270.4	269.6
9	305.1	304.2	303.3

	33^6	335	334
1	33.6	33.5	33.4
2	67.2	67.0	66.8
3	100.8	100.5	100.2
4	134.4	134.0	133.6
5	168.0	167.5	167.0
6	201.6	201.0	200.4
7	235.2	234.5	233.8
8	268.8	268.0	267.2
9	302.4	301.5	300.6

$88^\circ.750 - 88^\circ.700$

$1^\circ.300 - 1^\circ.350$

1°	sin	d	tang	d	cotg	cos	d	
.300	8.355 783		8.355 895		1.644 105	9.999 888		**.700**
		334		334			0	
301	8.356 117		8.356 229		1.643 771	9.999 888		699
302	8.356 451	334	8.356 563	334	1.643 437	9.999 888	0	698
303	8.356 784	333	8.356 897	334	1.643 103	9.999 888	0	697
		333		333			0	
304	8.357 117		8.357 230		1.642 770	9.999 888		696
305	8.357 450	333	8.357 563	333	1.642 437	9.999 887	1	695
306	8.357 783	333	8.357 896	333	1.642 104	9.999 887	0	694
		332		332			0	
307	8.358 115		8.358 228		1.641 772	9.999 887		693
308	8.358 447	332	8.358 561	333	1.641 439	9.999 887	0	692
309	8.358 779	332	8.358 893	332	1.641 107	9.999 887	0	691
		332		331			1	
.310	8.359 111		8.359 224		1.640 776	9.999 886		**.690**
		331		332			0	
311	8.359 442		8.359 556		1.640 444	9.999 886		689
312	8.359 773	331	8.359 887	331	1.640 113	9.999 886	0	688
313	8.360 104	331	8.360 218	331	1.639 782	9.999 886	0	687
		331		331			0	
314	8.360 435		8.360 549		1.639 451	9.999 886		686
315	8.360 765	330	8.360 879	330	1.639 121	9.999 886	0	685
316	8.361 095	330	8.361 210	331	1.638 790	9.999 885	1	684
		330		330			0	
317	8.361 425		8.361 540		1.638 460	9.999 885		683
318	8.361 754	329	8.361 869	329	1.638 131	9.999 885	0	682
319	8.362 084	330	8.362 199	330	1.637 801	9.999 885	0	681
		329		329			0	
.320	8.362 413		8.362 528		1.637 472	9.999 885		**.680**
		329		329			0	
321	8.362 742		8.362 857		1.637 143	9.999 885		679
322	8.363 070	328	8.363 186	329	1.636 814	9.999 884	1	678
323	8.363 399	329	8.363 514	328	1.636 486	9.999 884	0	677
		328		329			0	
324	8.363 727		8.363 843		1.636 157	9.999 884		676
325	8.364 055	328	8.364 171	328	1.635 829	9.999 884	0	675
326	8.364 382	327	8.364 498	327	1.635 502	9.999 884	0	674
		327		328			0	
327	8.364 709		8.364 826		1.635 174	9.999 884		673
328	8.365 037	328	8.365 153	327	1.634 847	9.999 883	1	672
329	8.365 363	326	8.365 480	327	1.634 520	9.999 883	0	671
		327		327			0	
.330	8.365 690		8.365 807		1.634 193	9.999 883		**.670**
		326		327			0	
331	8.366 016		8.366 134		1.633 866	9.999 883		669
332	8.366 342	326	8.366 460	326	1.633 540	9.999 883	0	668
333	8.366 668	326	8.366 786	326	1.633 214	9.999 882	1	667
		326		326			0	
334	8.366 994		8.367 112		1.632 888	9.999 882		666
335	8.367 319	325	8.367 437	325	1.632 563	9.999 882	0	665
336	8.367 644	325	8.367 763	326	1.632 237	9.999 882	0	664
		325		325			0	
337	8.367 969		8.368 088		1.631 912	9.999 882		663
338	8.368 294	325	8.368 412	324	1.631 588	9.999 882	0	662
339	8.368 618	324	8.368 737	325	1.631 263	9.999 881	1	661
		325		324			0	
.340	8.368 943		8.369 061		1.630 939	9.999 881		**.660**
		323		324			0	
341	8.369 266		8.369 385		1.630 615	9.999 881		659
342	8.369 590	324	8.369 709	324	1.630 291	9.999 881	0	658
343	8.369 914	324	8.370 033	324	1.629 967	9.999 881	0	657
		323		323			0	
344	8.370 237		8.370 356		1.629 644	9.999 881		656
345	8.370 560	323	8.370 679	323	1.629 321	9.999 880	1	655
346	8.370 882	322	8.371 002	323	1.628 998	9.999 880	0	654
		323		323			0	
347	8.371 205		8.371 325		1.628 675	9.999 880		653
348	8.371 527	322	8.371 647	322	1.628 353	9.999 880	0	652
349	8.371 849	322	8.371 970	323	1.628 030	9.999 880	0	651
		322		322			1	
.350	8.372 171		8.372 292		1.627 708	9.999 879		**.650**
	cos	d	cotg	d	tang	sin	d	88°

P.P.

	334	333	332
1	33.4	33.3	33.2
2	66.8	66.6	66.4
3	100.2	99.9	99.6
4	133.6	133.2	132.8
5	167.0	166.5	166.0
6	200.4	199.8	199.2
7	233.8	233.1	232.4
8	267.2	266.4	265.6
9	300.6	299.7	298.8

	331	330
1	33.1	33.0
2	66.2	66.0
3	99.3	99.0
4	132.4	132.0
5	165.5	165.0
6	198.6	198.0
7	231.7	231.0
8	264.8	264.0
9	297.9	297.0

	329	328	327
1	32.9	32.8	32.7
2	65.8	65.6	65.4
3	98.7	98.4	98.1
4	131.6	131.2	130.8
5	164.5	164.0	163.5
6	197.4	196.8	196.2
7	230.3	229.6	228.9
8	263.2	262.4	261.6
9	296.1	295.2	294.3

	326	325
1	32.6	32.5
2	65.2	65.0
3	97.8	97.5
4	130.4	130.0
5	163.0	162.5
6	195.6	195.0
7	228.2	227.5
8	260.8	260.0
9	293.4	292.5

	324	323	322
1	32.4	32.3	32.2
2	64.8	64.6	64.4
3	97.2	96.9	96.6
4	129.6	129.2	128.8
5	162.0	161.5	161.0
6	194.4	193.8	193.2
7	226.8	226.1	225.4
8	259.2	258.4	257.6
9	291.6	290.7	289.8

$88^\circ.700 - 88^\circ.650$

$1^\circ.350 - 1^\circ.400$

1°	sin	d	tang	d	cotg	cos	d	
.350	8.372 171		8.372 292		1.627 708	9.999 879		**.650**
		321		321			0	
351	8.372 492		8.372 613		1.627 387	9.999 879		649
352	8.372 814	322	8.372 935	322	1.627 065	9.999 879	0	648
353	8.373 135	321	8.373 256	321	1.626 744	9.999 879	0	647
		321		321			0	
354	8.373 456		8.373 577		1.626 423	9.999 879		646
355	8.373 776	320	8.373 898	321	1.626 102	9.999 879	0	645
356	8.374 097	321	8.374 218	320	1.625 782	9.999 878	1	644
		320		320			0	
357	8.374 417		8.374 538		1.625 462	9.999 878		643
358	8.374 736	319	8.374 858	320	1.625 142	9.999 878	0	642
359	8.375 056	320	8.375 178	320	1.624 822	9.999 878	0	641
		319		320			0	
.360	8.375 375		8.375 498		1.624 502	9.999 878		**.640**
		320		319			1	
361	8.375 695		8.375 817		1.624 183	9.999 877		639
362	8.376 014	319	8.376 136	319	1.623 864	9.999 877	0	638
363	8.376 332	318	8.376 455	319	1.623 545	9.999 877	0	637
		319		319			0	
364	8.376 651		8.376 774		1.623 226	9.999 877		636
365	8.376 969	318	8.377 092	318	1.622 908	9.999 877	0	635
366	8.377 287	318	8.377 410	318	1.622 590	9.999 877	0	634
		318		318			1	
367	8.377 605		8.377 728		1.622 272	9.999 876		633
368	8.377 922	317	8.378 046	318	1.621 954	9.999 876	0	632
369	8.378 239	317	8.378 363	317	1.621 637	9.999 876	0	631
		318		318			0	
.370	8.378 557		8.378 681		1.621 319	9.999 876		**.630**
		316		317			0	
371	8.378 873		8.378 998		1.621 002	9.999 876		629
372	8.379 190	317	8.379 314	316	1.620 686	9.999 875	1	628
373	8.379 506	316	8.379 631	317	1.620 369	9.999 875	0	627
		316		316			0	
374	8.379 822		8.379 947		1.620 053	9.999 875		626
375	8.380 138	316	8.380 263	316	1.619 737	9.999 875	0	625
376	8.380 454	316	8.380 579	316	1.619 421	9.999 875	0	624
		315		316			0	
377	8.380 769		8.380 895		1.619 105	9.999 875		623
378	8.381 085	316	8.381 210	315	1.618 790	9.999 874	1	622
379	8.381 400	315	8.381 526	316	1.618 474	9.999 874	0	621
		314		314			0	
.380	8.381 714		8.381 840		1.618 160	9.999 874		**.620**
		315		315			0	
381	8.382 029		8.382 155		1.617 845	9.999 874		619
382	8.382 343	314	8.382 470	315	1.617 530	9.999 874	0	618
383	8.382 657	314	8.382 784	314	1.617 216	9.999 873	1	617
		314		314			0	
384	8.382 971		8.383 098		1.616 902	9.999 873		616
385	8.383 285	314	8.383 412	314	1.616 588	9.999 873	0	615
386	8.383 598	313	8.383 725	313	1.616 275	9.999 873	0	614
		313		314			0	
387	8.383 911		8.384 039		1.615 961	9.999 873		613
388	8.384 224	313	8.384 352	313	1.615 648	9.999 873	0	612
389	8.384 537	313	8.384 665	313	1.615 335	9.999 872	1	611
		313		312			0	
.390	8.384 850		8.384 977		1.615 023	9.999 872		**.610**
		312		313			0	
391	8.385 162		8.385 290		1.614 710	9.999 872		609
392	8.385 474	312	8.385 602	312	1.614 398	9.999 872	0	608
393	8.385 786	312	8.385 914	312	1.614 086	9.999 872	0	607
		311		312			1	
394	8.386 097		8.386 226		1.613 774	9.999 871		606
395	8.386 409	312	8.386 537	311	1.613 463	9.999 871	0	605
396	8.386 720	311	8.386 849	312	1.613 151	9.999 871	0	604
		311		311			0	
397	8.387 031		8.387 160		1.612 840	9.999 871		603
398	8.387 341	310	8.387 471	311	1.612 529	9.999 871	0	602
399	8.387 652	311	8.387 781	310	1.612 219	9.999 871	0	601
		310		311			1	
.400	8.387 962		8.388 092		1.611 908	9.999 870		**.600**
	cos	d	cotg	d	tang	sin	d	88°

$88^\circ.650 - 88^\circ.600$

P.P.

	322	321	320
1	32.2	32.1	32.0
2	64.4	64.2	64.0
3	96.6	96.3	96.0
4	128.8	128.4	128.0
5	161.0	160.5	160.0
6	193.2	192.6	192.0
7	225.4	224.7	224.0
8	257.6	256.8	256.0
9	289.8	288.9	288.0

	319	318
1	31.9	31.8
2	63.8	63.6
3	95.7	95.4
4	127.6	127.2
5	159.5	159.0
6	191.4	190.8
7	223.3	222.6
8	255.2	254.4
9	287.1	286.2

	317	316	315
1	31.7	31.6	31.5
2	63.4	63.2	63.0
3	95.1	94.8	94.5
4	126.8	126.4	126.0
5	158.5	158.0	157.5
6	190.2	189.6	189.0
7	221.9	221.2	220.5
8	253.6	252.8	252.0
9	285.3	284.4	283.5

	314	313
1	31.4	31.3
2	62.8	62.6
3	94.2	93.9
4	125.6	125.2
5	157.0	156.5
6	188.4	187.8
7	219.8	219.1
8	251.2	250.4
9	282.6	281.7

	312	311	310
1	31.2	31.1	31.0
2	62.4	62.2	62.0
3	93.6	93.3	93.0
4	124.8	124.4	124.0
5	156.0	155.5	155.0
6	187.2	186.6	186.0
7	218.4	217.7	217.0
8	249.6	248.8	248.0
9	280.8	279.9	279.0

$1^\circ.400 - 1^\circ.450$

1°	sin	d	tang	d	cotg	cos	d		P.P.
.400	8.387 962		8.388 092		1.611 908	9.999 870		**.600**	
		310		310			0		
401	8.388 272		8.388 402		1.611 598	9.999 870		599	
		310		310			0		
402	8.388 582		8.388 712		1.611 288	9.999 870		598	
		310		310			0		
403	8.388 892		8.389 022		1.610 978	9.999 870		597	
		309		309			0		
404	8.389 201		8.389 331		1.610 669	9.999 870		596	
		309		310			1		
405	8.389 510		8.389 641		1.610 359	9.999 869		595	
		309		309			0		
406	8.389 819		8.389 950		1.610 050	9.999 869		594	
		309		309			0		
407	8.390 128		8.390 259		1.609 741	9.999 869		593	
		308		308			0		
408	8.390 436		8.390 567		1.609 433	9.999 869		592	
		309		309			0		
409	8.390 745		8.390 876		1.609 124	9.999 869		591	
		308		308			1		
.410	8.391 053		8.391 184		1.608 816	9.999 868		**.590**	
		307		308			0		
411	8.391 360		8.391 492		1.608 508	9.999 868		589	
		308		308			0		
412	8.391 668		8.391 800		1.608 200	9.999 868		588	
		308		308			0		
413	8.391 976		8.392 108		1.607 892	9.999 868		587	
		307		307			0		
414	8.392 283		8.392 415		1.607 585	9.999 868		586	
		307		307			0		
415	8.392 590		8.392 722		1.607 278	9.999 868		585	
		306		307			1		
416	8.392 896		8.393 029		1.606 971	9.999 867		584	
		307		307			0		
417	8.393 203		8.393 336		1.606 664	9.999 867		583	
		306		306			0		
418	8.393 509		8.393 642		1.606 358	9.999 867		582	
		306		307			0		
419	8.393 815		8.393 949		1.606 051	9.999 867		581	
		306		306			0		
.420	8.394 121		8.394 255		1.605 745	9.999 867		**.580**	
		306		306			1		
421	8.394 427		8.394 561		1.605 439	9.999 866		579	
		305		305			0		
422	8.394 732		8.394 866		1.605 134	9.999 866		578	
		306		306			0		
423	8.395 038		8.395 172		1.604 828	9.999 866		577	
		305		305			0		
424	8.395 343		8.395 477		1.604 523	9.999 866		576	
		304		305			0		
425	8.395 647		8.395 782		1.604 218	9.999 866		575	
		305		305			1		
426	8.395 952		8.396 087		1.603 913	9.999 865		574	
		304		304			0		
427	8.396 256		8.396 391		1.603 609	9.999 865		573	
		305		305			0		
428	8.396 561		8.396 696		1.603 304	9.999 865		572	
		304		304			0		
429	8.396 865		8.397 000		1.603 000	9.999 865		571	
		303		304			0		
.430	8.397 168		8.397 304		1.602 696	9.999 865		**.570**	
		304		303			0		
431	8.397 472		8.397 607		1.602 393	9.999 865		569	
		303		304			1		
432	8.397 775		8.397 911		1.602 089	9.999 864		568	
		303		303			0		
433	8.398 078		8.398 214		1.601 786	9.999 864		567	
		303		303			0		
434	8.398 381		8.398 517		1.601 483	9.999 864		566	
		303		303			0		
435	8.398 684		8.398 820		1.601 180	9.999 864		565	
		302		303			0		
436	8.398 986		8.399 123		1.600 877	9.999 864		564	
		303		302			1		
437	8.399 289		8.399 425		1.600 575	9.999 863		563	
		302		302			0		
438	8.399 591		8.399 727		1.600 273	9.999 863		562	
		302		302			0		
439	8.399 893		8.400 029		1.599 971	9.999 863		561	
		301		302			0		
.440	8.400 194		8.400 331		1.599 669	9.999 863		**.560**	
		302		302			0		
441	8.400 496		8.400 633		1.599 367	9.999 863		559	
		301		301			1		
442	8.400 797		8.400 934		1.599 066	9.999 862		558	
		301		302			0		
443	8.401 098		8.401 236		1.598 764	9.999 862		557	
		301		301			0		
444	8.401 399		8.401 537		1.598 463	9.999 862		556	
		300		300			0		
445	8.401 699		8.401 837		1.598 163	9.999 862		555	
		301		301			0		
446	8.402 000		8.402 138		1.597 862	9.999 862		554	
		300		300			1		
447	8.402 300		8.402 438		1.597 562	9.999 861		553	
		300		300			0		
448	8.402 600		8.402 738		1.597 262	9.999 861		552	
		299		300			0		
449	8.402 899		8.403 038		1.596 962	9.999 861		551	
		300		300			0		
.450	8.403 199		8.403 338		1.596 662	9.999 861		**.550**	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	310	309
1	31.0	30.9
2	62.0	61.8
3	93.0	92.7
4	124.0	123.6
5	155.0	154.5
6	186.0	185.4
7	217.0	216.3
8	248.0	247.2
9	279.0	278.1

	308	307	306
1	30.8	30.7	30.6
2	61.6	61.4	61.2
3	92.4	92.1	91.8
4	123.2	122.8	122.4
5	154.0	153.5	153.0
6	184.8	184.2	183.6
7	215.6	214.9	214.2
8	246.4	245.6	244.8
9	277.2	276.3	275.4

	305	304
1	30.5	30.4
2	61.0	60.8
3	91.5	91.2
4	122.0	121.6
5	152.5	152.0
6	183.0	182.4
7	213.5	212.8
8	244.0	243.2
9	274.5	273.6

	303	302	301
1	30.3	30.2	30.1
2	60.6	60.4	60.2
3	90.9	90.6	90.3
4	121.2	120.8	120.4
5	151.5	151.0	150.5
6	181.8	181.2	180.6
7	212.1	211.4	210.7
8	242.4	241.6	240.8
9	272.7	271.8	270.9

	300	299
1	30.0	29.9
2	60.0	59.8
3	90.0	89.7
4	120.0	119.6
5	150.0	149.5
6	180.0	179.4
7	210.0	209.3
8	240.0	239.2
9	270.0	269.1

$88^\circ.600 - 88^\circ.550$

$1^\circ.450 - 1^\circ.500$

1°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.403 199		8.403 338		1.596 662	9.999 861		**.550**	
		299		300			0		
451	8.403 498		8.403 638		1.596 362	9.999 861		549	
452	8.403 797	299	8.403 937	299	1.596 063	9.999 861	0	548	
453	8.404 096	299	8.404 236	299	1.595 764	9.999 860	1	547	
		299		299			0		
454	8.404 395		8.404 535		1.595 465	9.999 860		546	
455	8.404 694	299	8.404 834	299	1.595 166	9.999 860	0	545	
456	8.404 992	298	8.405 132	298	1.594 868	9.999 860	0	544	
		298		299			0		
457	8.405 290		8.405 431		1.594 569	9.999 860		543	
458	8.405 588	298	8.405 729	298	1.594 271	9.999 859	1	542	
459	8.405 886	298	8.406 027	298	1.593 973	9.999 859	0	541	
		297		297			0		
.460	8.406 183		8.406 324		1.593 676	9.999 859		**.540**	
		298		298			0		
461	8.406 481		8.406 622		1.593 378	9.999 859		539	
462	8.406 778	297	8.406 919	297	1.593 081	9.999 859	0	538	
463	8.407 074	296	8.407 216	297	1.592 784	9.999 858	1	537	
		297		297			0		
464	8.407 371		8.407 513		1.592 487	9.999 858		536	
465	8.407 668	297	8.407 810	297	1.592 190	9.999 858	0	535	
466	8.407 964	296	8.408 106	296	1.591 894	9.999 858	0	534	
		296		296			0		
467	8.408 260		8.408 402		1.591 598	9.999 858		533	
468	8.408 556	296	8.408 698	296	1.591 302	9.999 857	1	532	
469	8.408 852	296	8.408 994	296	1.591 006	9.999 857	0	531	
		295		296			0		
.470	8.409 147		8.409 290		1.590 710	9.999 857		**.530**	
		295		295			0		
471	8.409 442		8.409 585		1.590 415	9.999 857		529	
472	8.409 737	295	8.409 881	296	1.590 119	9.999 857	0	528	
473	8.410 032	295	8.410 176	295	1.589 824	9.999 856	1	527	
		295		295			0		
474	8.410 327		8.410 471		1.589 529	9.999 856		526	
475	8.410 621	294	8.410 765	294	1.589 235	9.999 856	0	525	
476	8.410 916	295	8.411 060	295	1.588 940	9.999 856	0	524	
		294		294			0		
477	8.411 210		8.411 354		1.588 646	9.999 856		523	
478	8.411 504	294	8.411 648	294	1.588 352	9.999 855	1	522	
479	8.411 797	293	8.411 942	294	1.588 058	9.999 855	0	521	
		294		294			0		
.480	8.412 091		8.412 236		1.587 764	9.999 855		**.520**	
		293		293			0		
481	8.412 384		8.412 529		1.587 471	9.999 855		519	
482	8.412 677	293	8.412 822	293	1.587 178	9.999 855	0	518	
483	8.412 970	293	8.413 116	294	1.586 884	9.999 855	0	517	
		293		292			1		
484	8.413 263		8.413 408		1.586 592	9.999 854		516	
485	8.413 555	292	8.413 701	293	1.586 299	9.999 854	0	515	
486	8.413 847	292	8.413 994	293	1.586 006	9.999 854	0	514	
		293		292			0		
487	8.414 140		8.414 286		1.585 714	9.999 854		513	
488	8.414 431	291	8.414 578	292	1.585 422	9.999 854	0	512	
489	8.414 723	292	8.414 870	292	1.585 130	9.999 853	1	511	
		292		292			0		
.490	8.415 015		8.415 162		1.584 838	9.999 853		**.510**	
		291		291			0		
491	8.415 306		8.415 453		1.584 547	9.999 853		509	
492	8.415 597	291	8.415 744	291	1.584 256	9.999 853	0	508	
493	8.415 888	291	8.416 035	291	1.583 965	9.999 853	0	507	
		291		291			1		
494	8.416 179		8.416 326		1.583 674	9.999 852		506	
495	8.416 469	290	8.416 617	291	1.583 383	9.999 852	0	505	
496	8.416 760	291	8.416 908	291	1.583 092	9.999 852	0	504	
		290		290			0		
497	8.417 050		8.417 198		1.582 802	9.999 852		503	
498	8.417 340	290	8.417 488	290	1.582 512	9.999 852	0	502	
499	8.417 629	289	8.417 778	290	1.582 222	9.999 851	1	501	
		290		290			0		
.500	8.417 919		8.418 068		1.581 932	9.999 851		**.500**	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	300	299
1	30.0	29.9
2	60.0	59.8
3	90.0	89.7
4	120.0	119.6
5	150.0	149.5
6	180.0	179.4
7	210.0	209.3
8	240.0	239.2
9	270.0	269.1

	298	297	296
1	29.8	29.7	29.6
2	59.6	59.4	59.2
3	89.4	89.1	88.8
4	119.2	118.8	118.4
5	149.0	148.5	148.0
6	178.8	178.2	177.6
7	208.6	207.9	207.2
8	238.4	237.6	236.8
9	268.2	267.3	266.4

	295	294
1	29.5	29.4
2	59.0	58.8
3	88.5	88.2
4	118.0	117.6
5	147.5	147.0
6	177.0	176.4
7	206.5	205.8
8	236.0	235.2
9	265.5	264.6

	293	292	291
1	29.3	29.2	29.1
2	58.6	58.4	58.2
3	87.9	87.6	87.3
4	117.2	116.8	116.4
5	146.5	146.0	145.5
6	175.8	175.2	174.6
7	205.1	204.4	203.7
8	234.4	233.6	232.8
9	263.7	262.8	261.9

	290	289
1	29.0	28.9
2	58.0	57.8
3	87.0	86.7
4	116.0	115.6
5	145.0	144.5
6	174.0	173.4
7	203.0	202.3
8	232.0	231.2
9	261.0	260.1

$88^\circ.550 - 88^\circ.500$

$1^\circ.500 - 1^\circ.550$

1°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.417 919		8.418 068		1.581 932	9.999 851		**.500**	
		289		289			0		
501	8.418 208		8.418 357		1.581 643	9.999 851	0	499	
502	8.418 498	290	8.418 647	290	1.581 353	9.999 851	0	498	
503	8.418 787	289	8.418 936	289	1.581 064	9.999 851	0	497	
		288		289			1		
504	8.419 075		8.419 225		1.580 775	9.999 850		496	
505	8.419 364	289	8.419 514	289	1.580 486	9.999 850	0	495	
506	8.419 652	288	8.419 802	288	1.580 198	9.999 850	0	494	
		289		289			0		
507	8.419 941		8.420 091		1.579 909	9.999 850	0	493	
508	8.420 229	288	8.420 379	288	1.579 621	9.999 850	0	492	
509	8.420 516	287	8.420 667	288	1.579 333	9.999 849	1	491	
		288		288			0		
.510	8.420 804		8.420 955		1.579 045	9.999 849		**.490**	
		287		288			0		
511	8.421 091		8.421 243		1.578 757	9.999 849	0	489	
512	8.421 379	288	8.421 530	287	1.578 470	9.999 849	0	488	
513	8.421 666	287	8.421 817	287	1.578 183	9.999 849	0	487	
		287		287			1		
514	8.421 953		8.422 104		1.577 896	9.999 848		486	
515	8.422 239	286	8.422 391	287	1.577 609	9.999 848	0	485	
516	8.422 526	287	8.422 678	287	1.577 322	9.999 848	0	484	
		286		286			0		
517	8.422 812		8.422 964		1.577 036	9.999 848	0	483	
518	8.423 098	286	8.423 251	287	1.576 749	9.999 848	0	482	
519	8.423 384	286	8.423 537	286	1.576 463	9.999 847	1	481	
		286		286			0		
.520	8.423 670		8.423 823		1.576 177	9.999 847		**.480**	
		286		286			0		
521	8.423 956		8.424 109		1.575 891	9.999 847	0	479	
522	8.424 241	285	8.424 394	285	1.575 606	9.999 847	0	478	
523	8.424 526	285	8.424 680	286	1.575 320	9.999 847	0	477	
		285		285			1		
524	8.424 811		8.424 965		1.575 035	9.999 846		476	
525	8.425 096	285	8.425 250	285	1.574 750	9.999 846	0	475	
526	8.425 381	285	8.425 535	285	1.574 465	9.999 846	0	474	
		284		284			0		
527	8.425 665		8.425 819		1.574 181	9.999 846	0	473	
528	8.425 949	284	8.426 104	285	1.573 896	9.999 846	0	472	
529	8.426 233	284	8.426 388	284	1.573 612	9.999 845	1	471	
		284		284			0		
.530	8.426 517		8.426 672		1.573 328	9.999 845		**.470**	
		284		284			0		
531	8.426 801		8.426 956		1.573 044	9.999 845	0	469	
532	8.427 084	283	8.427 240	284	1.572 760	9.999 845	0	468	
533	8.427 368	284	8.427 523	283	1.572 477	9.999 845	0	467	
		283		284			1		
534	8.427 651		8.427 807		1.572 193	9.999 844		466	
535	8.427 934	283	8.428 090	283	1.571 910	9.999 844	0	465	
536	8.428 217	283	8.428 373	283	1.571 627	9.999 844	0	464	
		282		282			0		
537	8.428 499		8.428 655		1.571 345	9.999 844	0	463	
538	8.428 782	283	8.428 938	283	1.571 062	9.999 844	0	462	
539	8.429 064	282	8.429 220	282	1.570 780	9.999 843	1	461	
		282		283			0		
.540	8.429 346		8.429 503		1.570 497	9.999 843		**.460**	
		282		282			0		
541	8.429 628		8.429 785		1.570 215	9.999 843	0	459	
542	8.429 909	281	8.430 067	282	1.569 933	9.999 843	0	458	
543	8.430 191	282	8.430 348	281	1.569 652	9.999 842	1	457	
		281		282			0		
544	8.430 472		8.430 630		1.569 370	9.999 842	0	456	
545	8.430 753	281	8.430 911	281	1.569 089	9.999 842	0	455	
546	8.431 034	281	8.431 192	281	1.568 808	9.999 842	0	454	
		281		281			0		
547	8.431 315		8.431 473		1.568 527	9.999 842	0	453	
548	8.431 595	280	8.431 754	281	1.568 246	9.999 841	1	452	
549	8.431 876	281	8.432 035	281	1.567 965	9.999 841	0	451	
		280		280			0		
.550	8.432 156		8.432 315		1.567 685	9.999 841		**.450**	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	290	289
1	29.0	28.9
2	58.0	57.8
3	87.0	86.7
4	116.0	115.6
5	145.0	144.5
6	174.0	173.4
7	203.0	202.3
8	232.0	231.2
9	261.0	260.1

	288	287
1	28.8	28.7
2	57.6	57.4
3	86.4	86.1
4	115.2	114.8
5	144.0	143.5
6	172.8	172.2
7	201.6	200.9
8	230.4	229.6
9	259.2	258.3

	286	285	284
1	28.6	28.5	28.4
2	57.2	57.0	56.8
3	85.8	85.5	85.2
4	114.4	114.0	113.6
5	143.0	142.5	142.0
6	171.6	171.0	170.4
7	200.2	199.5	198.8
8	228.8	228.0	227.2
9	257.4	256.5	255.6

	283	282
1	28.3	28.2
2	56.6	56.4
3	84.9	84.6
4	113.2	112.8
5	141.5	141.0
6	169.8	169.2
7	198.1	197.4
8	226.4	225.6
9	254.7	253.8

	281	280
1	28.1	28.0
2	56.2	56.0
3	84.3	84.0
4	112.4	112.0
5	140.5	140.0
6	168.6	168.0
7	196.7	196.0
8	224.8	224.0
9	252.9	252.0

$88^\circ.500 - 88^\circ.450$

$1^\circ.550 - 1^\circ.600$

1°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.432 156		8.432 315		1.567 685	9.999 841		**.450**	
		280		280			0		
551	8.432 436		8.432 595		1.567 405	9.999 841		449	
552	8.432 716	280	8.432 875	280	1.567 125	9.999 841	0	448	
553	8.432 996	280	8.433 155	280	1.566 845	9.999 840	1	447	
		279		280			0		
554	8.433 275		8.433 435		1.566 565	9.999 840		446	
555	8.433 554	279	8.433 714	279	1.566 286	9.999 840	0	445	
556	8.433 834	280	8.433 994	280	1.566 006	9.999 840	0	444	
		279		279			0		
557	8.434 113		8.434 273		1.565 727	9.999 840		443	
558	8.434 391	278	8.434 552	279	1.565 448	9.999 839	1	442	
559	8.434 670	279	8.434 831	279	1.565 169	9.999 839	0	441	
		278		278			0		
.560	8.434 948		8.435 109		1.564 891	9.999 839		**.440**	
		279		279			0		
561	8.435 227		8.435 388		1.564 612	9.999 839		439	
562	8.435 505	278	8.435 666	278	1.564 334	9.999 839	0	438	
563	8.435 782	277	8.435 944	278	1.564 056	9.999 838	1	437	
		278		278			0		
564	8.436 060		8.436 222		1.563 778	9.999 838		436	
565	8.436 338	278	8.436 500	278	1.563 500	9.999 838	0	435	
566	8.436 615	277	8.436 777	277	1.563 223	9.999 838	0	434	
		277		278			0		
567	8.436 892		8.437 055		1.562 945	9.999 838		433	
568	8.437 169	277	8.437 332	277	1.562 668	9.999 837	1	432	
569	8.437 446	277	8.437 609	277	1.562 391	9.999 837	0	431	
		277		277			0		
.570	8.437 723		8.437 886		1.562 114	9.999 837		**.430**	
		276		276			0		
571	8.437 999		8.438 162		1.561 838	9.999 837		429	
572	8.438 275	276	8.438 439	277	1.561 561	9.999 837	0	428	
573	8.438 552	277	8.438 715	276	1.561 285	9.999 836	1	427	
		275		276			0		
574	8.438 827		8.438 991		1.561 009	9.999 836		426	
575	8.439 103	276	8.439 267	276	1.560 733	9.999 836	0	425	
576	8.439 379	276	8.439 543	276	1.560 457	9.999 836	0	424	
		275		276			1		
577	8.439 654		8.439 819		1.560 181	9.999 835		423	
578	8.439 929	275	8.440 094	275	1.559 906	9.999 835	0	422	
579	8.440 205	276	8.440 369	275	1.559 631	9.999 835	0	421	
		274		276			0		
.580	8.440 479		8.440 645		1.559 355	9.999 835		**.420**	
		275		274			0		
581	8.440 754		8.440 919		1.559 081	9.999 835		419	
582	8.441 029	275	8.441 194	275	1.558 806	9.999 834	1	418	
583	8.441 303	274	8.441 469	275	1.558 531	9.999 834	0	417	
		274		274			0		
584	8.441 577		8.441 743		1.558 257	9.999 834		416	
585	8.441 851	274	8.442 017	274	1.557 983	9.999 834	0	415	
586	8.442 125	274	8.442 291	274	1.557 709	9.999 834	0	414	
		274		274			1		
587	8.442 399		8.442 565		1.557 435	9.999 833		413	
588	8.442 672	273	8.442 839	274	1.557 161	9.999 833	0	412	
589	8.442 946	274	8.443 113	274	1.556 887	9.999 833	0	411	
		273		273			0		
.590	8.443 219		8.443 386		1.556 614	9.999 833		**.410**	
		273		273			0		
591	8.443 492		8.443 659		1.556 341	9.999 833		409	
592	8.443 765	273	8.443 932	273	1.556 068	9.999 832	1	408	
593	8.444 037	272	8.444 205	273	1.555 795	9.999 832	0	407	
		273		273			0		
594	8.444 310		8.444 478		1.555 522	9.999 832		406	
595	8.444 582	272	8.444 750	272	1.555 250	9.999 832	0	405	
596	8.444 854	272	8.445 023	273	1.554 977	9.999 831	1	404	
		272		272			0		
597	8.445 126		8.445 295		1.554 705	9.999 831		403	
598	8.445 398	272	8.445 567	272	1.554 433	9.999 831	0	402	
599	8.445 669	271	8.445 839	272	1.554 161	9.999 831	0	401	
		272		271			0		
.600	8.445 941		8.446 110		1.553 890	9.999 831		**.400**	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	280	279
1	28.0	27.9
2	56.0	55.8
3	84.0	83.7
4	112.0	111.6
5	140.0	139.5
6	168.0	167.4
7	196.0	195.3
8	224.0	223.2
9	252.0	251.1

	278	277
1	27.8	27.7
2	55.6	55.4
3	83.4	83.1
4	111.2	110.8
5	139.0	138.5
6	166.8	166.2
7	194.6	193.9
8	222.4	221.6
9	250.2	249.3

	276	275
1	27.6	27.5
2	55.2	55.0
3	82.8	82.5
4	110.4	110.0
5	138.0	137.5
6	165.6	165.0
7	193.2	192.5
8	220.8	220.0
9	248.4	247.5

	274	273
1	27.4	27.3
2	54.8	54.6
3	82.2	81.9
4	109.6	109.2
5	137.0	136.5
6	164.4	163.8
7	191.8	191.1
8	219.2	218.4
9	246.6	245.7

	272	271
1	27.2	27.1
2	54.4	54.2
3	81.6	81.3
4	108.8	108.4
5	136.0	135.5
6	163.2	162.6
7	190.4	189.7
8	217.6	216.8
9	244.8	243.9

$88^\circ.450 - 88^\circ.400$

1°.600 — 1°.650

1°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.445 941		8.446 110		1.553 890	9.999 831		**.400**	
		271		272			1		
601	8.446 212		8.446 382		1.553 618	9.999 830		399	
602	8.446 483	271	8.446 653	271	1.553 347	9.999 830	0	398	
603	8.446 754	271	8.446 924	271	1.553 076	9.999 830	0	397	
		271		271			0		
604	8.447 025		8.447 195		1.552 805	9.999 830		396	
605	8.447 296	271	8.447 466	271	1.552 534	9.999 830	0	395	
606	8.447 566	270	8.447 737	271	1.552 263	9.999 829	1	394	
		270		270			0		
607	8.447 836		8.448 007		1.551 993	9.999 829		393	
608	8.448 106	270	8.448 277	270	1.551 723	9.999 829	0	392	
609	8.448 376	270	8.448 548	271	1.551 452	9.999 829	0	391	
		270		270			0		
.610	8.448 646		8.448 818		1.551 182	9.999 829		**.390**	
		270		269			1		
611	8.448 916		8.449 087		1.550 913	9.999 828		389	
612	8.449 185	269	8.449 357	270	1.550 643	9.999 828	0	388	
613	8.449 454	269	8.449 626	269	1.550 374	9.999 828	0	387	
		269		270			0		
614	8.449 723		8.449 896		1.550 104	9.999 828		386	
615	8.449 992	269	8.450 165	269	1.549 835	9.999 827	1	385	
616	8.450 261	269	8.450 434	269	1.549 566	9.999 827	0	384	
		269		269			0		
617	8.450 530		8.450 703		1.549 297	9.999 827		383	
618	8.450 798	268	8.450 971	268	1.549 029	9.999 827	0	382	
619	8.451 066	268	8.451 240	269	1.548 760	9.999 827	0	381	
		269		268			1		
.620	8.451 335		8.451 508		1.548 492	9.999 826		**.380**	
		267		268			0		
621	8.451 602		8.451 776		1.548 224	9.999 826		379	
622	8.451 870	268	8.452 044	268	1.547 956	9.999 826	0	378	
623	8.452 138	268	8.452 312	268	1.547 688	9.999 826	0	377	
		267		268			0		
624	8.452 405		8.452 580		1.547 420	9.999 826		376	
625	8.452 673	268	8.452 847	267	1.547 153	9.999 825	1	375	
626	8.452 940	267	8.453 115	268	1.546 885	9.999 825	0	374	
		267		267			0		
627	8.453 207		8.453 382		1.546 618	9.999 825		373	
628	8.453 473	266	8.453 649	267	1.546 351	9.999 825	0	372	
629	8.453 740	267	8.453 915	266	1.546 085	9.999 824	1	371	
		266		267			0		
.630	8.454 006		8.454 182		1.545 818	9.999 824		**.370**	
		267		267			0		
631	8.454 273		8.454 449		1.545 551	9.999 824		369	
632	8.454 539	266	8.454 715	266	1.545 285	9.999 824	0	368	
633	8.454 805	266	8.454 981	266	1.545 019	9.999 824	0	367	
		266		266			1		
634	8.455 071		8.455 247		1.544 753	9.999 823		366	
635	8.455 336	265	8.455 513	266	1.544 487	9.999 823	0	365	
636	8.455 602	266	8.455 779	266	1.544 221	9.999 823	0	364	
		265		265			0		
637	8.455 867		8.456 044		1.543 956	9.999 823		363	
638	8.456 132	265	8.456 310	266	1.543 690	9.999 823	0	362	
639	8.456 397	265	8.456 575	265	1.543 425	9.999 822	1	361	
		265		265			0		
.640	8.456 662		8.456 840		1.543 160	9.999 822		**.360**	
		265		265			0		
641	8.456 927		8.457 105		1.542 895	9.999 822		359	
642	8.457 191	264	8.457 369	264	1.542 631	9.999 822	0	358	
643	8.457 455	264	8.457 634	265	1.542 366	9.999 821	1	357	
		265		264			0		
644	8.457 720		8.457 898		1.542 102	9.999 821		356	
645	8.457 984	264	8.458 163	265	1.541 837	9.999 821	0	355	
646	8.458 247	263	8.458 427	264	1.541 573	9.999 821	0	354	
		264		264			0		
647	8.458 511		8.458 691		1.541 309	9.999 821		353	
648	8.458 775	264	8.458 954	263	1.541 046	9.999 820	1	352	
649	8.459 038	263	8.459 218	264	1.540 782	9.999 820	0	351	
		263		263			0		
.650	8.459 301		8.459 481		1.540 519	9.999 820		**.350**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	272	271
1	27.2	27.1
2	54.4	54.2
3	81.6	81.3
4	108.8	108.4
5	136.0	135.5
6	163.2	162.6
7	190.4	189.7
8	217.6	216.8
9	244.8	243.9

	270	269
1	27.0	26.9
2	54.0	53.8
3	81.0	80.7
4	108.0	107.6
5	135.0	134.5
6	162.0	161.4
7	189.0	188.3
8	216.0	215.2
9	243.0	242.1

	268	267
1	26.8	26.7
2	53.6	53.4
3	80.4	80.1
4	107.2	106.8
5	134.0	133.5
6	160.8	160.2
7	187.6	186.9
8	214.4	213.6
9	241.2	240.3

	266	265
1	26.6	26.5
2	53.2	53.0
3	79.8	79.5
4	106.4	106.0
5	133.0	132.5
6	159.6	159.0
7	186.2	185.5
8	212.8	212.0
9	239.4	238.5

	264	263
1	26.4	26.3
2	52.8	52.6
3	79.2	78.9
4	105.6	105.2
5	132.0	131.5
6	158.4	157.8
7	184.8	184.1
8	211.2	210.4
9	237.6	236.7

88°.400 — 88°.350

$1^\circ.650 - 1^\circ.700$

1°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.459 301		8.459 481		1.540 519	9.999 820		**.350**	
		263		264			0		
651	8.459 564		8.459 745		1.540 255	9.999 820		349	
652	8.459 827	263	8.460 008	263	1.539 992	9.999 819	1	348	
653	8.460 090	263	8.460 271	263	1.539 729	9.999 819	0	347	
		263		263			0		
654	8.460 353		8.460 534		1.539 466	9.999 819		346	
655	8.460 615	262	8.460 796	262	1.539 204	9.999 819	0	345	
656	8.460 877	262	8.461 059	263	1.538 941	9.999 819	0	344	
		262		262			1		
657	8.461 139		8.461 321		1.538 679	9.999 818		343	
658	8.461 401	262	8.461 583	262	1.538 417	9.999 818	0	342	
659	8.461 663	262	8.461 845	262	1.538 155	9.999 818	0	341	
		262		262			0		
.660	8.461 925		8.462 107		1.537 893	9.999 818		**.340**	
		261		262			1		
661	8.462 186		8.462 369		1.537 631	9.999 817		339	
662	8.462 447	261	8.462 630	261	1.537 370	9.999 817	0	338	
663	8.462 709	262	8.462 892	262	1.537 108	9.999 817	0	337	
		261		261			0		
664	8.462 970		8.463 153		1.536 847	9.999 817		336	
665	8.463 230	260	8.463 414	261	1.536 586	9.999 817	0	335	
666	8.463 491	261	8.463 675	261	1.536 325	9.999 816	1	334	
		261		261			0		
667	8.463 752		8.463 936		1.536 064	9.999 816		333	
668	8.464 012	260	8.464 196	260	1.535 804	9.999 816	0	332	
669	8.464 272	260	8.464 457	261	1.535 543	9.999 816	0	331	
		260		260			1		
.670	8.464 532		8.464 717		1.535 283	9.999 815		**.330**	
		260		260			0		
671	8.464 792		8.464 977		1.535 023	9.999 815		329	
672	8.465 052	260	8.465 237	260	1.534 763	9.999 815	0	328	
673	8.465 312	260	8.465 497	260	1.534 503	9.999 815	0	327	
		259		259			0		
674	8.465 571		8.465 756		1.534 244	9.999 815		326	
675	8.465 830	259	8.466 016	260	1.533 984	9.999 814	1	325	
676	8.466 089	259	8.466 275	259	1.533 725	9.999 814	0	324	
		259		259			0		
677	8.466 348		8.466 534		1.533 466	9.999 814		323	
678	8.466 607	259	8.466 794	260	1.533 206	9.999 814	0	322	
679	8.466 866	259	8.467 052	258	1.532 948	9.999 814	0	321	
		258		259			1		
.680	8.467 124		8.467 311		1.532 689	9.999 813		**.320**	
		259		259			0		
681	8.467 383		8.467 570		1.532 430	9.999 813		319	
682	8.467 641	258	8.467 828	258	1.532 172	9.999 813	0	318	
683	8.467 899	258	8.468 086	258	1.531 914	9.999 813	0	317	
		258		259			1		
684	8.468 157		8.468 345		1.531 655	9.999 812		316	
685	8.468 415	258	8.468 603	258	1.531 397	9.999 812	0	315	
686	8.468 672	257	8.468 860	257	1.531 140	9.999 812	0	314	
		258		258			0		
687	8.468 930		8.469 118		1.530 882	9.999 812		313	
688	8.469 187	257	8.469 375	257	1.530 625	9.999 811	1	312	
689	8.469 444	257	8.469 633	258	1.530 367	9.999 811	0	311	
		257		257			0		
.690	8.469 701		8.469 890		1.530 110	9.999 811		**.310**	
		257		257			0		
691	8.469 958		8.470 147		1.529 853	9.999 811		309	
692	8.470 215	257	8.470 404	257	1.529 596	9.999 811	0	308	
693	8.470 471	256	8.470 661	257	1.529 339	9.999 810	1	307	
		256		256			0		
694	8.470 727		8.470 917		1.529 083	9.999 810		306	
695	8.470 984	257	8.471 174	257	1.528 826	9.999 810	0	305	
696	8.471 240	256	8.471 430	256	1.528 570	9.999 810	0	304	
		256		256			1		
697	8.471 496		8.471 686		1.528 314	9.999 809		303	
698	8.471 751	255	8.471 942	256	1.528 058	9.999 809	0	302	
699	8.472 007	256	8.472 198	256	1.527 802	9.999 809	0	301	
		256		256			0		
.700	8.472 263		8.472 454		1.527 546	9.999 809		**.300**	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	264	263
1	26.4	26.3
2	52.8	52.6
3	79.2	78.9
4	105.6	105.2
5	132.0	131.5
6	158.4	157.8
7	184.8	184.1
8	211.2	210.4
9	237.6	236.7

	262	261
1	26.2	26.1
2	52.4	52.2
3	78.6	78.3
4	104.8	104.4
5	131.0	130.5
6	157.2	156.6
7	183.4	182.7
8	209.6	208.8
9	235.8	234.9

	260	259
1	26.0	25.9
2	52.0	51.8
3	78.0	77.7
4	104.0	103.6
5	130.0	129.5
6	156.0	155.4
7	182.0	181.3
8	208.0	207.2
9	234.0	233.1

	258	257
1	25.8	25.7
2	51.6	51.4
3	77.4	77.1
4	103.2	102.8
5	129.0	128.5
6	154.8	154.2
7	180.6	179.9
8	206.4	205.6
9	232.2	231.3

	256	255
1	25.6	25.5
2	51.2	51.0
3	76.8	76.5
4	102.4	102.0
5	128.0	127.5
6	153.6	153.0
7	179.2	178.5
8	204.8	204.0
9	230.4	229.5

$88^\circ.350 - 88^\circ.300$

$1^\circ.700 - 1^\circ.750$

1°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.472 263		8.472 454		1.527 546	9.999 809		**.300**	
		255		255			0		
701	8.472 518		8.472 709		1.527 291	9.999 809		299	
702	8.472 773	255	8.472 965	256	1.527 035	9.999 808	1	298	
703	8.473 028	255	8.473 220	255	1.526 780	9.999 808	0	297	
		255		255			0		
704	8.473 283		8.473 475		1.526 525	9.999 808		296	
705	8.473 538	255	8.473 730	255	1.526 270	9.999 808	0	295	
706	8.473 792	254	8.473 985	255	1.526 015	9.999 807	1	294	
		255		254			0		
707	8.474 047		8.474 239		1.525 761	9.999 807		293	
708	8.474 301	254	8.474 494	255	1.525 506	9.999 807	0	292	
709	8.474 555	254	8.474 748	254	1.525 252	9.999 807	0	291	
		254		254			0		
.710	8.474 809		8.475 002		1.524 998	9.999 807		**.290**	
		254		255			1		
711	8.475 063		8.475 257		1.524 743	9.999 806		289	
712	8.475 317	254	8.475 510	253	1.524 490	9.999 806	0	288	
713	8.475 570	253	8.475 764	254	1.524 236	9.999 806	0	287	
		253		254			0		
714	8.475 823		8.476 018		1.523 982	9.999 806		286	
715	8.476 077	254	8.476 271	253	1.523 729	9.999 805	1	285	
716	8.476 330	253	8.476 525	254	1.523 475	9.999 805	0	284	
		253		253			0		
717	8.476 583		8.476 778		1.523 222	9.999 805		283	
718	8.476 835	252	8.477 031	253	1.522 969	9.999 805	0	282	
719	8.477 088	253	8.477 284	253	1.522 716	9.999 805	0	281	
		253		252			1		
.720	8.477 341		8.477 536		1.522 464	9.999 804		**.280**	
		252		253			0		
721	8.477 593		8.477 789		1.522 211	9.999 804		279	
722	8.477 845	252	8.478 041	252	1.521 959	9.999 804	0	278	
723	8.478 097	252	8.478 294	253	1.521 706	9.999 804	0	277	
		252		252			1		
724	8.478 349		8.478 546		1.521 454	9.999 803		276	
725	8.478 601	252	8.478 798	252	1.521 202	9.999 803	0	275	
726	8.478 852	251	8.479 050	252	1.520 950	9.999 803	0	274	
		252		251			0		
727	8.479 104		8.479 301		1.520 699	9.999 803		273	
728	8.479 355	251	8.479 553	252	1.520 447	9.999 802	1	272	
729	8.479 606	251	8.479 804	251	1.520 196	9.999 802	0	271	
		251		251			0		
.730	8.479 857		8.480 055		1.519 945	9.999 802		**.270**	
		251		252			0		
731	8.480 108		8.480 307		1.519 693	9.999 802		269	
732	8.480 359	251	8.480 558	251	1.519 442	9.999 802	0	268	
733	8.480 610	251	8.480 808	250	1.519 192	9.999 801	1	267	
		250		251			0		
734	8.480 860		8.481 059		1.518 941	9.999 801		266	
735	8.481 110	250	8.481 310	251	1.518 690	9.999 801	0	265	
736	8.481 361	251	8.481 560	250	1.518 440	9.999 801	0	264	
		250		250			1		
737	8.481 611		8.481 810		1.518 190	9.999 800		263	
738	8.481 861	250	8.482 060	250	1.517 940	9.999 800	0	262	
739	8.482 110	249	8.482 310	250	1.517 690	9.999 800	0	261	
		250		250			0		
.740	8.482 360		8.482 560		1.517 440	9.999 800		**.260**	
		249		250			1		
741	8.482 609		8.482 810		1.517 190	9.999 799		259	
742	8.482 859	250	8.483 059	249	1.516 941	9.999 799	0	258	
743	8.483 108	249	8.483 309	250	1.516 691	9.999 799	0	257	
		249		249			0		
744	8.483 357		8.483 558		1.516 442	9.999 799		256	
745	8.483 606	249	8.483 807	249	1.516 193	9.999 799	0	255	
746	8.483 854	248	8.484 056	249	1.515 944	9.999 798	1	254	
		249		249			0		
747	8.484 103		8.484 305		1.515 695	9.999 798		253	
748	8.484 351	248	8.484 554	249	1.515 446	9.999 798	0	252	
749	8.484 600	249	8.484 802	248	1.515 198	9.999 798	0	251	
		248		248			1		
.750	8.484 848		8.485 050		1.514 950	9.999 797		**.250**	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	256	255
1	25.6	25.5
2	51.2	51.0
3	76.8	76.5
4	102.4	102.0
5	128.0	127.5
6	153.6	153.0
7	179.2	178.5
8	204.8	204.0
9	230.4	229.5

	254	253
1	25.4	25.3
2	50.8	50.6
3	76.2	75.9
4	101.6	101.2
5	127.0	126.5
6	152.4	151.8
7	177.8	177.1
8	203.2	202.4
9	228.6	227.7

	252	251
1	25.2	25.1
2	50.4	50.2
3	75.6	75.3
4	100.8	100.4
5	126.0	125.5
6	151.2	150.6
7	176.4	175.7
8	201.6	200.8
9	226.8	225.9

	250	249
1	25.0	24.9
2	50.0	49.8
3	75.0	74.7
4	100.0	99.6
5	125.0	124.5
6	150.0	149.4
7	175.0	174.3
8	200.0	199.2
9	225.0	224.1

	248
1	24.8
2	49.6
3	74.4
4	99.2
5	124.0
6	148.8
7	173.6
8	198.4
9	223.2

$88^\circ.300 - 88^\circ.250$

1°.750 — 1°.800

1°	sin	d	tang	d	cotg	cos	d		P.P.
.750	8.484 848		8.485 050		1.514 950	9.999 797		**.250**	
		248		249			0		
751	8.485 096		8.485 299		1.514 701	9.999 797		249	
752	8.485 344	248	8.485 547	248	1.514 453	9.999 797	0	248	
753	8.485 592	248	8.485 795	248	1.514 205	9.999 797	0	247	
		247		248			1		
754	8.485 839		8.486 043		1.513 957	9.999 796		246	
755	8.486 087	248	8.486 290	247	1.513 710	9.999 796	0	245	
756	8.486 334	247	8.486 538	248	1.513 462	9.999 796	0	244	
		247		247			0		
757	8.486 581		8.486 785		1.513 215	9.999 796		243	
758	8.486 828	247	8.487 033	248	1.512 967	9.999 796	0	242	
759	8.487 075	247	8.487 280	247	1.512 720	9.999 795	1	241	
		247		247			0		
.760	8.487 322		8.487 527		1.512 473	9.999 795		**.240**	
		246		247			0		
761	8.487 568		8.487 774		1.512 226	9.999 795		239	
762	8.487 815	247	8.488 020	246	1.511 980	9.999 795	0	238	
763	8.488 061	246	8.488 267	247	1.511 733	9.999 794	1	237	
		246		246			0		
764	8.488 307		8.488 513		1.511 487	9.999 794		236	
765	8.488 553	246	8.488 759	246	1.511 241	9.999 794	0	235	
766	8.488 799	246	8.489 006	247	1.510 994	9.999 794	0	234	
		246		246			1		
767	8.489 045		8.489 252		1.510 748	9.999 793		233	
768	8.489 291	246	8.489 498	246	1.510 502	9.999 793	0	232	
769	8.489 536	245	8.489 743	245	1.510 257	9.999 793	0	231	
		246		246			0		
.770	8.489 782		8.489 989		1.510 011	9.999 793		**.230**	
		245		245			0		
771	8.490 027		8.490 234		1.509 766	9.999 793		229	
772	8.490 272	245	8.490 480	246	1.509 520	9.999 792	1	228	
773	8.490 517	245	8.490 725	245	1.509 275	9.999 792	0	227	
		245		245			0		
774	8.490 762		8.490 970		1.509 030	9.999 792		226	
775	8.491 006	244	8.491 215	245	1.508 785	9.999 792	0	225	
776	8.491 251	245	8.491 459	244	1.508 541	9.999 791	1	224	
		244		245			0		
777	8.491 495		8.491 704		1.508 296	9.999 791		223	
778	8.491 739	244	8.491 949	245	1.508 051	9.999 791	0	222	
779	8.491 984	245	8.492 193	244	1.507 807	9.999 791	0	221	
		244		244			1		
.780	8.492 228		8.492 437		1.507 563	9.999 790		**.220**	
		243		244			0		
781	8.492 471		8.492 681		1.507 319	9.999 790		219	
782	8.492 715	244	8.492 925	244	1.507 075	9.999 790	0	218	
783	8.492 959	244	8.493 169	244	1.506 831	9.999 790	0	217	
		243		244			1		
784	8.493 202		8.493 413		1.506 587	9.999 789		216	
785	8.493 445	243	8.493 656	243	1.506 344	9.999 789	0	215	
786	8.493 688	243	8.493 900	244	1.506 100	9.999 789	0	214	
		244		243			0		
787	8.493 932		8.494 143		1.505 857	9.999 789		213	
788	8.494 174	242	8.494 386	243	1.505 614	9.999 788	1	212	
789	8.494 417	243	8.494 629	243	1.505 371	9.999 788	0	211	
		243		243			0		
.790	8.494 660		8.494 872		1.505 128	9.999 788		**.210**	
		242		242			0		
791	8.494 902		8.495 114		1.504 886	9.999 788		209	
792	8.495 145	243	8.495 357	243	1.504 643	9.999 788	0	208	
793	8.495 387	242	8.495 599	242	1.504 401	9.999 787	1	207	
		242		243			0		
794	8.495 629		8.495 842		1.504 158	9.999 787		206	
795	8.495 871	242	8.496 084	242	1.503 916	9.999 787	0	205	
796	8.496 113	242	8.496 326	242	1.503 674	9.999 787	0	204	
		241		242			1		
797	8.496 354		8.496 568		1.503 432	9.999 786		203	
798	8.496 596	242	8.496 810	242	1.503 190	9.999 786	0	202	
799	8.496 837	241	8.497 051	241	1.502 949	9.999 786	0	201	
		241		242			0		
.800	8.497 078		8.497 293		1.502 707	9.999 786		**.200**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	249	248
1	24.9	24.8
2	49.8	49.6
3	74.7	74.4
4	99.6	99.2
5	124.5	124.0
6	149.4	148.8
7	174.3	173.6
8	199.2	198.4
9	224.1	223.2

	247	246
1	24.7	24.6
2	49.4	49.2
3	74.1	73.8
4	98.8	98.4
5	123.5	123.0
6	148.2	147.6
7	172.9	172.2
8	197.6	196.8
9	222.3	221.4

	245	244
1	24.5	24.4
2	49.0	48.8
3	73.5	73.2
4	98.0	97.6
5	122.5	122.0
6	147.0	146.4
7	171.5	170.8
8	196.0	195.2
9	220.5	219.6

	243	242
1	24.3	24.2
2	48.6	48.4
3	72.9	72.6
4	97.2	96.8
5	121.5	121.0
6	145.8	145.2
7	170.1	169.4
8	194.4	193.6
9	218.7	217.8

	241
1	24.1
2	48.2
3	72.3
4	96.4
5	120.5
6	144.6
7	168.7
8	192.8
9	216.9

88°.250 — 88°.200

1°.800 — 1°.850

1°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.497 078		8.497 293		1.502 707	9.999 786		**.200**	
		242		241			1		
801	8.497 320		8.497 534		1.502 466	9.999 785		199	
802	8.497 561	241	8.497 775	241	1.502 225	9.999 785	0	198	
803	8.497 801	240	8.498 016	241	1.501 984	9.999 785	0	197	
		241		241			0		
804	8.498 042		8.498 257		1.501 743	9.999 785		196	
805	8.498 283	241	8.498 498	241	1.501 502	9.999 784	1	195	
806	8.498 523	240	8.498 739	241	1.501 261	9.999 784	0	194	
		241		241			0		
807	8.498 764		8.498 980		1.501 020	9.999 784		193	
808	8.499 004	240	8.499 220	240	1.500 780	9.999 784	0	192	
809	8.499 244	240	8.499 460	240	1.500 540	9.999 783	1	191	
		240		240			0		
.810	8.499 484		8.499 700		1.500 300	9.999 783		**.190**	
		240		240			0		
811	8.499 724		8.499 940		1.500 060	9.999 783		189	
812	8.499 963	239	8.500 180	240	1.499 820	9.999 783	0	188	
813	8.500 203	240	8.500 420	240	1.499 580	9.999 783	0	187	
		239		240			1		
814	8.500 442		8.500 660		1.499 340	9.999 782		186	
815	8.500 681	239	8.500 899	239	1.499 101	9.999 782	0	185	
816	8.500 920	239	8.501 139	240	1.498 861	9.999 782	0	184	
		239		239			0		
817	8.501 159		8.501 378		1.498 622	9.999 782		183	
818	8.501 398	239	8.501 617	239	1.498 383	9.999 781	1	182	
819	8.501 637	239	8.501 856	239	1.498 144	9.999 781	0	181	
		239		239			0		
.820	8.501 876		8.502 095		1.497 905	9.999 781		**.180**	
		238		239			0		
821	8.502 114		8.502 334		1.497 666	9.999 781		179	
822	8.502 353	239	8.502 572	238	1.497 428	9.999 780	1	178	
823	8.502 591	238	8.502 811	239	1.497 189	9.999 780	0	177	
		238		238			0		
824	8.502 829		8.503 049		1.496 951	9.999 780		176	
825	8.503 067	238	8.503 287	238	1.496 713	9.999 780	0	175	
826	8.503 305	238	8.503 525	238	1.496 475	9.999 779	1	174	
		237		238			0		
827	8.503 542		8.503 763		1.496 237	9.999 779		173	
828	8.503 780	238	8.504 001	238	1.495 999	9.999 779	0	172	
829	8.504 017	237	8.504 239	238	1.495 761	9.999 779	0	171	
		238		237			1		
.830	8.504 255		8.504 476		1.495 524	9.999 778		**.170**	
		237		238			0		
831	8.504 492		8.504 714		1.495 286	9.999 778		169	
832	8.504 729	237	8.504 951	237	1.495 049	9.999 778	0	168	
833	8.504 966	237	8.505 188	237	1.494 812	9.999 778	0	167	
		237		237			1		
834	8.505 203		8.505 425		1.494 575	9.999 777		166	
835	8.505 439	236	8.505 662	237	1.494 338	9.999 777	0	165	
836	8.505 676	237	8.505 899	237	1.494 101	9.999 777	0	164	
		236		236			0		
837	8.505 912		8.506 135		1.493 865	9.999 777		163	
838	8.506 148	236	8.506 372	237	1.493 628	9.999 777	0	162	
839	8.506 385	237	8.506 608	236	1.493 392	9.999 776	1	161	
		236		237			0		
.840	8.506 621		8.506 845		1.493 155	9.999 776		**.160**	
		235		236			0		
841	8.506 856		8.507 081		1.492 919	9.999 776		159	
842	8.507 092	236	8.507 317	236	1.492 683	9.999 776	0	158	
843	8.507 328	236	8.507 553	236	1.492 447	9.999 775	1	157	
		235		235			0		
844	8.507 563		8.507 788		1.492 212	9.999 775		156	
845	8.507 799	236	8.508 024	236	1.491 976	9.999 775	0	155	
846	8.508 034	235	8.508 259	235	1.491 741	9.999 775	0	154	
		235		236			1		
847	8.508 269		8.508 495		1.491 505	9.999 774		153	
848	8.508 504	235	8.508 730	235	1.491 270	9.999 774	0	152	
849	8.508 739	235	8.508 965	235	1.491 035	9.999 774	0	151	
		235		235			0		
.850	8.508 974		8.509 200		1.490 800	9.999 774		**.150**	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	242	241
1	24.2	24.1
2	48.4	48.2
3	72.6	72.3
4	96.8	96.4
5	121.0	120.5
6	145.2	144.6
7	169.4	168.7
8	193.6	192.8
9	217.8	216.9

	240	239
1	24.0	23.9
2	48.0	47.8
3	72.0	71.7
4	96.0	95.6
5	120.0	119.5
6	144.0	143.4
7	168.0	167.3
8	192.0	191.2
9	216.0	215.1

	238	237
1	23.8	23.7
2	47.6	47.4
3	71.4	71.1
4	95.2	94.8
5	119.0	118.5
6	142.8	142.2
7	166.6	165.9
8	190.4	189.6
9	214.2	213.3

	236	235
1	23.6	23.5
2	47.2	47.0
3	70.8	70.5
4	94.4	94.0
5	118.0	117.5
6	141.6	141.0
7	165.2	164.5
8	188.8	188.0
9	212.4	211.5

88°.200 — 88°.150

$1^\circ.850 - 1^\circ.900$

1°	sin	d	tang	d	cotg	cos	d		P.P.
.850	8.508 974		8.509 200		1.490 800	9.999 774		**.150**	
		234		235			1		
851	8.509 208		8.509 435		1.490 565	9.999 773		149	
852	8.509 443	235	8.509 670	235	1.490 330	9.999 773	0	148	
853	8.509 677	234	8.509 904	234	1.490 096	9.999 773	0	147	
		234		235			0		
854	8.509 911		8.510 139		1.489 861	9.999 773		146	
855	8.510 145	234	8.510 373	234	1.489 627	9.999 772	1	145	
856	8.510 379	234	8.510 607	234	1.489 393	9.999 772	0	144	
		234		234			0		
857	8.510 613		8.510 841		1.489 159	9.999 772		143	
858	8.510 847	234	8.511 075	234	1.488 925	9.999 772	0	142	
859	8.511 081	234	8.511 309	234	1.488 691	9.999 771	1	141	
		233		234			0		
.860	8.511 314		8.511 543		1.488 457	9.999 771		**.140**	
		233		234			0		
861	8.511 547		8.511 777		1.488 223	9.999 771		139	
862	8.511 781	234	8.512 010	233	1.487 990	9.999 771	0	138	
863	8.512 014	233	8.512 243	233	1.487 757	9.999 770	1	137	
		233		234			0		
864	8.512 247		8.512 477		1.487 523	9.999 770		136	
865	8.512 480	233	8.512 710	233	1.487 290	9.999 770	0	135	
866	8.512 712	232	8.512 943	233	1.487 057	9.999 770	0	134	
		233		232			1		
867	8.512 945		8.513 175		1.486 825	9.999 769		133	
868	8.513 177	232	8.513 408	233	1.486 592	9.999 769	0	132	
869	8.513 410	233	8.513 641	233	1.486 359	9.999 769	0	131	
		232		232			0		
.870	8.513 642		8.513 873		1.486 127	9.999 769		**.130**	
		232		233			1		
871	8.513 874		8.514 106		1.485 894	9.999 768		129	
872	8.514 106	232	8.514 338	232	1.485 662	9.999 768	0	128	
873	8.514 338	232	8.514 570	232	1.485 430	9.999 768	0	127	
		232		232			0		
874	8.514 570		8.514 802		1.485 198	9.999 768		126	
875	8.514 801	231	8.515 034	232	1.484 966	9.999 767	1	125	
876	8.515 033	232	8.515 265	231	1.484 735	9.999 767	0	124	
		231		232			0		
877	8.515 264		8.515 497		1.484 503	9.999 767		123	
878	8.515 495	231	8.515 729	232	1.484 271	9.999 767	0	122	
879	8.515 726	231	8.515 960	231	1.484 040	9.999 766	1	121	
		231		231			0		
.880	8.515 957		8.516 191		1.483 809	9.999 766		**.120**	
		231		231			0		
881	8.516 188		8.516 422		1.483 578	9.999 766		119	
882	8.516 419	231	8.516 653	231	1.483 347	9.999 766	0	118	
883	8.516 650	231	8.516 884	231	1.483 116	9.999 765	1	117	
		230		231			0		
884	8.516 880		8.517 115		1.482 885	9.999 765		116	
885	8.517 110	230	8.517 345	230	1.482 655	9.999 765	0	115	
886	8.517 341	231	8.517 576	231	1.482 424	9.999 765	0	114	
		230		230			1		
887	8.517 571		8.517 806		1.482 194	9.999 764		113	
888	8.517 801	230	8.518 037	231	1.481 963	9.999 764	0	112	
889	8.518 031	230	8.518 267	230	1.481 733	9.999 764	0	111	
		229		230			0		
.890	8.518 260		8.518 497		1.481 503	9.999 764		**.110**	
		230		230			1		
891	8.518 490		8.518 727		1.481 273	9.999 763		109	
892	8.518 720	230	8.518 956	229	1.481 044	9.999 763	0	108	
893	8.518 949	229	8.519 186	230	1.480 814	9.999 763	0	107	
		229		230			0		
894	8.519 178		8.519 416		1.480 584	9.999 763		106	
895	8.519 407	229	8.519 645	229	1.480 355	9.999 762	1	105	
896	8.519 636	229	8.519 874	229	1.480 126	9.999 762	0	104	
		229		229			0		
897	8.519 865		8.520 103		1.479 897	9.999 762		103	
898	8.520 094	229	8.520 332	229	1.479 668	9.999 762	0	102	
899	8.520 323	229	8.520 561	229	1.479 439	9.999 761	1	101	
		228		229			0		
.900	8.520 551		8.520 790		1.479 210	9.999 761		**.100**	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	235	234
1	23.5	23.4
2	47.0	46.8
3	70.5	70.2
4	94.0	93.6
5	117.5	117.0
6	141.0	140.4
7	164.5	163.8
8	188.0	187.2
9	211.5	210.6

	233	232
1	23.3	23.2
2	46.6	46.4
3	69.9	69.6
4	93.2	92.8
5	116.5	116.0
6	139.8	139.2
7	163.1	162.4
8	186.4	185.6
9	209.7	208.8

	231	230
1	23.1	23.0
2	46.2	46.0
3	69.3	69.0
4	92.4	92.0
5	115.5	115.0
6	138.6	138.0
7	161.7	161.0
8	184.8	184.0
9	207.9	207.0

	229	228
1	22.9	22.8
2	45.8	45.6
3	68.7	68.4
4	91.6	91.2
5	114.5	114.0
6	137.4	136.8
7	160.3	159.6
8	183.2	182.4
9	206.1	205.2

$88^\circ.150 - 88^\circ.100$

$1^\circ.900 - 1^\circ.950$

1°	sin	d	tang	d	cotg	cos	d		P.P.
.900	8.520 551		8.520 790		1.479 210	9.999 761		**.100**	
		229		229			0		
901	8.520 780		8.521 019		1.478 981	9.999 761		099	
902	8.521 008	228	8.521 247	228	1.478 753	9.999 761	0	098	
903	8.521 236	228	8.521 476	229	1.478 524	9.999 760	1	097	
		228		228			0		
904	8.521 464		8.521 704		1.478 296	9.999 760		096	
905	8.521 692	228	8.521 932	228	1.478 068	9.999 760	0	095	
906	8.521 920	228	8.522 161	229	1.477 839	9.999 760	0	094	
		228		227			1		
907	8.522 148		8.522 388		1.477 612	9.999 759		093	
908	8.522 375	227	8.522 616	228	1.477 384	9.999 759	0	092	
909	8.522 603	228	8.522 844	228	1.477 156	9.999 759	0	091	
		227		228			0		
.910	8.522 830		8.523 072		1.476 928	9.999 759		**.090**	
		228		227			1		
911	8.523 058		8.523 299		1.476 701	9.999 758		089	
912	8.523 285	227	8.523 527	228	1.476 473	9.999 758	0	088	
913	8.523 512	227	8.523 754	227	1.476 246	9.999 758	0	087	
		227		227			0		
914	8.523 739		8.523 981		1.476 019	9.999 758		086	
915	8.523 965	226	8.524 208	227	1.475 792	9.999 757	1	085	
916	8.524 192	227	8.524 435	227	1.475 565	9.999 757	0	084	
		226		227			0		
917	8.524 418		8.524 662		1.475 338	9.999 757		083	
918	8.524 645	227	8.524 888	226	1.475 112	9.999 757	0	082	
919	8.524 871	226	8.525 115	227	1.474 885	9.999 756	1	081	
		226		226			0		
.920	8.525 097		8.525 341		1.474 659	9.999 756		**.080**	
		226		227			0		
921	8.525 323		8.525 568		1.474 432	9.999 756		079	
922	8.525 549	226	8.525 794	226	1.474 206	9.999 756	0	078	
923	8.525 775	226	8.526 020	226	1.473 980	9.999 755	1	077	
		226		226			0		
924	8.526 001		8.526 246		1.473 754	9.999 755		076	
925	8.526 226	225	8.526 472	226	1.473 528	9.999 755	0	075	
926	8.526 452	226	8.526 697	225	1.473 303	9.999 755	0	074	
		225		226			1		
927	8.526 677		8.526 923		1.473 077	9.999 754		073	
928	8.526 902	225	8.527 148	225	1.472 852	9.999 754	0	072	
929	8.527 128	226	8.527 374	226	1.472 626	9.999 754	0	071	
		225		225			0		
.930	8.527 353		8.527 599		1.472 401	9.999 754		**.070**	
		224		225			1		
931	8.527 577		8.527 824		1.472 176	9.999 753		069	
932	8.527 802	225	8.528 049	225	1.471 951	9.999 753	0	068	
933	8.528 027	225	8.528 274	225	1.471 726	9.999 753	0	067	
		224		225			0		
934	8.528 251		8.528 499		1.471 501	9.999 753		066	
935	8.528 476	225	8.528 723	224	1.471 277	9.999 752	1	065	
936	8.528 700	224	8.528 948	225	1.471 052	9.999 752	0	064	
		224		224			0		
937	8.528 924		8.529 172		1.470 828	9.999 752		063	
938	8.529 148	224	8.529 397	225	1.470 603	9.999 752	0	062	
939	8.529 372	224	8.529 621	224	1.470 379	9.999 751	1	061	
		224		224			0		
.940	8.529 596		8.529 845		1.470 155	9.999 751		**.060**	
		224		224			0		
941	8.529 820		8.530 069		1.469 931	9.999 751		059	
942	8.530 043	223	8.530 293	224	1.469 707	9.999 750	1	058	
943	8.530 267	224	8.530 517	224	1.469 483	9.999 750	0	057	
		223		223			0		
944	8.530 490		8.530 740		1.469 260	9.999 750		056	
945	8.530 714	224	8.530 964	224	1.469 036	9.999 750	0	055	
946	8.530 937	223	8.531 187	223	1.468 813	9.999 749	1	054	
		223		224			0		
947	8.531 160		8.531 411		1.468 589	9.999 749		053	
948	8.531 383	223	8.531 634	223	1.468 366	9.999 749	0	052	
949	8.531 605	222	8.531 857	223	1.468 143	9.999 749	0	051	
		223		223			1		
.950	8.531 828		8.532 080		1.467 920	9.999 748		**.050**	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	229	228
1	22.9	22.8
2	45.8	45.6
3	68.7	68.4
4	91.6	91.2
5	114.5	114.0
6	137.4	136.8
7	160.3	159.6
8	183.2	182.4
9	206.1	205.2

	227	226
1	22.7	22.6
2	45.4	45.2
3	68.1	67.8
4	90.8	90.4
5	113.5	113.0
6	136.2	135.6
7	158.9	158.2
8	181.6	180.8
9	204.3	203.4

	225	224
1	22.5	22.4
2	45.0	44.8
3	67.5	67.2
4	90.0	89.6
5	112.5	112.0
6	135.0	134.4
7	157.5	156.8
8	180.0	179.2
9	202.5	201.6

	223	222
1	22.3	22.2
2	44.6	44.4
3	66.9	66.6
4	89.2	88.8
5	111.5	111.0
6	133.8	133.2
7	156.1	155.4
8	178.4	177.6
9	200.7	199.8

$88^\circ.100 - 88^\circ.050$

1°.950 — 2°.000

1°	sin	d	tang	d	cotg	cos	d		P.P.
.950	8.531 828		8.532 080		1.467 920	9.999 748		**.050**	
		223		223			0		
951	8.532 051		8.532 303		1.467 697	9.999 748		049	
952	8.532 273	222	8.532 525	222	1.467 475	9.999 748	0	048	
953	8.532 496	223	8.532 748	223	1.467 252	9.999 748	0	047	
		222		222			1		
954	8.532 718		8.532 970		1.467 030	9.999 747		046	
955	8.532 940	222	8.533 193	223	1.466 807	9.999 747	0	045	
956	8.533 162	222	8.533 415	222	1.466 585	9.999 747	0	044	
		222		222			0		
957	8.533 384		8.533 637		1.466 363	9.999 747		043	
958	8.533 606	222	8.533 859	222	1.466 141	9.999 746	1	042	
959	8.533 827	221	8.534 081	222	1.465 919	9.999 746	0	041	
		222		222			0		
.960	8.534 049		8.534 303		1.465 697	9.999 746		**.040**	
		221		222			0		
961	8.534 270		8.534 525		1.465 475	9.999 746		039	
962	8.534 491	221	8.534 746	221	1.465 254	9.999 745	1	038	
963	8.534 713	222	8.534 968	222	1.465 032	9.999 745	0	037	
		221		221			0		
964	8.534 934		8.535 189		1.464 811	9.999 745		036	
965	8.535 155	221	8.535 410	221	1.464 590	9.999 745	0	035	
966	8.535 376	221	8.535 631	221	1.464 369	9.999 744	1	034	
		220		221			0		
967	8.535 596		8.535 852		1.464 148	9.999 744		033	
968	8.535 817	221	8.536 073	221	1.463 927	9.999 744	0	032	
969	8.536 038	221	8.536 294	221	1.463 706	9.999 744	0	031	
		220		221			1		
.970	8.536 258		8.536 515		1.463 485	9.999 743		**.030**	
		220		220			0		
971	8.536 478		8.536 735		1.463 265	9.999 743		029	
972	8.536 699	221	8.536 956	221	1.463 044	9.999 743	0	028	
973	8.536 919	220	8.537 176	220	1.462 824	9.999 742	1	027	
		220		220			0		
974	8.537 139		8.537 396		1.462 604	9.999 742		026	
975	8.537 358	219	8.537 617	221	1.462 383	9.999 742	0	025	
976	8.537 578	220	8.537 837	220	1.462 163	9.999 742	0	024	
		220		219			1		
977	8.537 798		8.538 056		1.461 944	9.999 741		023	
978	8.538 017	219	8.538 276	220	1.461 724	9.999 741	0	022	
979	8.538 237	220	8.538 496	220	1.461 504	9.999 741	0	021	
		219		219			0		
.980	8.538 456		8.538 715		1.461 285	9.999 741		**.020**	
		219		220			1		
981	8.538 675		8.538 935		1.461 065	9.999 740		019	
982	8.538 894	219	8.539 154	219	1.460 846	9.999 740	0	018	
983	8.539 113	219	8.539 374	220	1.460 626	9.999 740	0	017	
		219		219			0		
984	8.539 332		8.539 593		1.460 407	9.999 740		016	
985	8.539 551	219	8.539 812	219	1.460 188	9.999 739	1	015	
986	8.539 770	219	8.540 031	219	1.459 969	9.999 739	0	014	
		218		218			0		
987	8.539 988		8.540 249		1.459 751	9.999 739		013	
988	8.540 207	219	8.540 468	219	1.459 532	9.999 739	0	012	
989	8.540 425	218	8.540 687	219	1.459 313	9.999 738	1	011	
		218		218			0		
.990	8.540 643		8.540 905		1.459 095	9.999 738		**.010**	
		218		218			0		
991	8.540 861		8.541 123		1.458 877	9.999 738		009	
992	8.541 079	218	8.541 342	219	1.458 658	9.999 737	1	008	
993	8.541 297	218	8.541 560	218	1.458 440	9.999 737	0	007	
		218		218			0		
994	8.541 515		8.541 778		1.458 222	9.999 737		006	
995	8.541 733	218	8.541 996	218	1.458 004	9.999 737	0	005	
996	8.541 950	217	8.542 214	218	1.457 786	9.999 736	1	004	
		217		217			0		
997	8.542 167		8.542 431		1.457 569	9.999 736		003	
998	8.542 385	218	8.542 649	218	1.457 351	9.999 736	0	002	
999	8.542 602	217	8.542 866	217	1.457 134	9.999 736	0	001	
		217		218			1		
***000**	8.542 819		8.543 084		1.456 916	9.999 735		**.000**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	223	222
1	22.3	22.2
2	44.6	44.4
3	66.9	66.6
4	89.2	88.8
5	111.5	111.0
6	133.8	133.2
7	156.1	155.4
8	178.4	177.6
9	200.7	199.8

	221	220
1	22.1	22.0
2	44.2	44.0
3	66.3	66.0
4	88.4	88.0
5	110.5	110.0
6	132.6	132.0
7	154.7	154.0
8	176.8	176.0
9	198.9	198.0

	219	218
1	21.9	21.8
2	43.8	43.6
3	65.7	65.4
4	87.6	87.2
5	109.5	109.0
6	131.4	130.8
7	153.3	152.6
8	175.2	174.4
9	197.1	196.2

	217
1	21.7
2	43.4
3	65.1
4	86.8
5	108.5
6	130.2
7	151.9
8	173.6
9	195.3

88°.050 — 88°.000

2°.000 — 2°.050

2°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.542 819		8.543 084		1.456 916	9.999 735		***000**	
		217		217			0		
001	8.543 036		8.543 301		1.456 699	9.999 735		999	
002	8.543 253	217	8.543 518	217	1.456 482	9.999 735	0	998	
003	8.543 470	217	8.543 735	217	1.456 265	9.999 735	0	997	
		217		217			1		
004	8.543 687		8.543 952		1.456 048	9.999 734		996	
005	8.543 903	216	8.544 169	217	1.455 831	9.999 734	0	995	
006	8.544 120	217	8.544 386	217	1.455 614	9.999 734	0	994	
		216		216			0		
007	8.544 336		8.544 602		1.455 398	9.999 734		993	
008	8.544 552	216	8.544 819	217	1.455 181	9.999 733	1	992	
009	8.544 768	216	8.545 035	216	1.454 965	9.999 733	0	991	
		216		217			0		
.010	8.544 984		8.545 252		1.454 748	9.999 733		**.990**	
		216		216			1		
011	8.545 200		8.545 468		1.454 532	9.999 732		989	
012	8.545 416	216	8.545 684	216	1.454 316	9.999 732	0	988	
013	8.545 632	216	8.545 900	216	1.454 100	9.999 732	0	987	
		215		216			0		
014	8.545 847		8.546 116		1.453 884	9.999 732		986	
015	8.546 063	216	8.546 332	216	1.453 668	9.999 731	1	985	
016	8.546 278	215	8.546 547	215	1.453 453	9.999 731	0	984	
		216		216			0		
017	8.546 494		8.546 763		1.453 237	9.999 731		983	
018	8.546 709	215	8.546 978	215	1.453 022	9.999 731	0	982	
019	8.546 924	215	8.547 193	215	1.452 807	9.999 730	1	981	
		215		216			0		
.020	8.547 139		8.547 409		1.452 591	9.999 730		**.980**	
		215		215			0		
021	8.547 354		8.547 624		1.452 376	9.999 730		979	
022	8.547 568	214	8.547 839	215	1.452 161	9.999 730	0	978	
023	8.547 783	215	8.548 054	215	1.451 946	9.999 729	1	977	
		215		215			0		
024	8.547 998		8.548 269		1.451 731	9.999 729		976	
025	8.548 212	214	8.548 483	214	1.451 517	9.999 729	0	975	
026	8.548 426	214	8.548 698	215	1.451 302	9.999 728	1	974	
		215		214			0		
027	8.548 641		8.548 912		1.451 088	9.999 728		973	
028	8.548 855	214	8.549 127	215	1.450 873	9.999 728	0	972	
029	8.549 069	214	8.549 341	214	1.450 659	9.999 728	0	971	
		214		214			1		
.030	8.549 283		8.549 555		1.450 445	9.999 727		**.970**	
		213		214			0		
031	8.549 496		8.549 769		1.450 231	9.999 727		969	
032	8.549 710	214	8.549 983	214	1.450 017	9.999 727	0	968	
033	8.549 924	214	8.550 197	214	1.449 803	9.999 727	0	967	
		213		214			1		
034	8.550 137		8.550 411		1.449 589	9.999 726		966	
035	8.550 350	213	8.550 624	213	1.449 376	9.999 726	0	965	
036	8.550 564	214	8.550 838	214	1.449 162	9.999 726	0	964	
		213		213			1		
037	8.550 777		8.551 051		1.448 949	9.999 725		963	
038	8.550 990	213	8.551 265	214	1.448 735	9.999 725	0	962	
039	8.551 203	213	8.551 478	213	1.448 522	9.999 725	0	961	
		213		213			0		
.040	8.551 416		8.551 691		1.448 309	9.999 725		**.960**	
		213		213			1		
041	8.551 629		8.551 904		1.448 096	9.999 724		959	
042	8.551 841	212	8.552 117	213	1.447 883	9.999 724	0	958	
043	8.552 054	213	8.552 330	213	1.447 670	9.999 724	0	957	
		212		213			0		
044	8.552 266		8.552 543		1.447 457	9.999 724		956	
045	8.552 478	212	8.552 755	212	1.447 245	9.999 723	1	955	
046	8.552 691	213	8.552 968	213	1.447 032	9.999 723	0	954	
		212		212			0		
047	8.552 903		8.553 180		1.446 820	9.999 723		953	
048	8.553 115	212	8.553 392	212	1.446 608	9.999 723	0	952	
049	8.553 327	212	8.553 605	213	1.446 395	9.999 722	1	951	
		212		212			0		
.050	8.553 539		8.553 817		1.446 183	9.999 722		**.950**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	217	216
1	21.7	21.6
2	43.4	43.2
3	65.1	64.8
4	86.8	86.4
5	108.5	108.0
6	130.2	129.6
7	151.9	151.2
8	173.6	172.8
9	195.3	194.4

	215	214
1	21.5	21.4
2	43.0	42.8
3	64.5	64.2
4	86.0	85.6
5	107.5	107.0
6	129.0	128.4
7	150.5	149.8
8	172.0	171.2
9	193.5	192.6

	213	212
1	21.3	21.2
2	42.6	42.4
3	63.9	63.6
4	85.2	84.8
5	106.5	106.0
6	127.8	127.2
7	149.1	148.4
8	170.4	169.6
9	191.7	190.8

88°.000 — 87°.950

$2^\circ.050 - 2^\circ.100$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.050	8.553 539		8.553 817		1.446 183	9.999 722		**.950**	
		211		212			0		
051	8.553 750		8.554 029		1.445 971	9.999 722		949	
052	8.553 962	212	8.554 240	211	1.445 760	9.999 721	1	948	
053	8.554 173	211	8.554 452	212	1.445 548	9.999 721	0	947	
		212		212			0		
054	8.554 385		8.554 664		1.445 336	9.999 721		946	
055	8.554 596	211	8.554 875	211	1.445 125	9.999 721	0	945	
056	8.554 807	211	8.555 087	212	1.444 913	9.999 720	1	944	
		211		211			0		
057	8.555 018		8.555 298		1.444 702	9.999 720		943	
058	8.555 229	211	8.555 510	212	1.444 490	9.999 720	0	942	
059	8.555 440	211	8.555 721	211	1.444 279	9.999 720	0	941	
		211		211			1		
.060	8.555 651		8.555 932		1.444 068	9.999 719		**.940**	
		211		211			0		
061	8.555 862		8.556 143		1.443 857	9.999 719		939	
062	8.556 072	210	8.556 354	211	1.443 646	9.999 719	0	938	
063	8.556 283	211	8.556 564	210	1.443 436	9.999 718	1	937	
		210		211			0		
064	8.556 493		8.556 775		1.443 225	9.999 718		936	
065	8.556 703	210	8.556 986	211	1.443 014	9.999 718	0	935	
066	8.556 914	211	8.557 196	210	1.442 804	9.999 718	0	934	
		210		210			1		
067	8.557 124		8.557 406		1.442 594	9.999 717		933	
068	8.557 334	210	8.557 617	211	1.442 383	9.999 717	0	932	
069	8.557 543	209	8.557 827	210	1.442 173	9.999 717	0	931	
		210		210			0		
.070	8.557 753		8.558 037		1.441 963	9.999 717		**.930**	
		210		210			1		
071	8.557 963		8.558 247		1.441 753	9.999 716		929	
072	8.558 172	209	8.558 456	209	1.441 544	9.999 716	0	928	
073	8.558 382	210	8.558 666	210	1.441 334	9.999 716	0	927	
		209		210			1		
074	8.558 591		8.558 876		1.441 124	9.999 715		926	
075	8.558 801	210	8.559 085	209	1.440 915	9.999 715	0	925	
076	8.559 010	209	8.559 295	210	1.440 705	9.999 715	0	924	
		209		209			0		
077	8.559 219		8.559 504		1.440 496	9.999 715		923	
078	8.559 428	209	8.559 713	209	1.440 287	9.999 714	1	922	
079	8.559 637	209	8.559 923	210	1.440 077	9.999 714	0	921	
		208		209			0		
.080	8.559 845		8.560 132		1.439 868	9.999 714		**.920**	
		209		208			1		
081	8.560 054		8.560 340		1.439 660	9.999 713		919	
082	8.560 263	209	8.560 549	209	1.439 451	9.999 713	0	918	
083	8.560 471	208	8.560 758	209	1.439 242	9.999 713	0	917	
		208		209			0		
084	8.560 679		8.560 967		1.439 033	9.999 713		916	
085	8.560 888	209	8.561 175	208	1.438 825	9.999 712	1	915	
086	8.561 096	208	8.561 384	209	1.438 616	9.999 712	0	914	
		208		208			0		
087	8.561 304		8.561 592		1.438 408	9.999 712		913	
088	8.561 512	208	8.561 800	208	1.438 200	9.999 712	0	912	
089	8.561 720	208	8.562 008	208	1.437 992	9.999 711	1	911	
		207		208			0		
.090	8.561 927		8.562 216		1.437 784	9.999 711		**.910**	
		208		208			0		
091	8.562 135		8.562 424		1.437 576	9.999 711		909	
092	8.562 343	208	8.562 632	208	1.437 368	9.999 710	1	908	
093	8.562 550	207	8.562 840	208	1.437 160	9.999 710	0	907	
		207		207			0		
094	8.562 757		8.563 047		1.436 953	9.999 710		906	
095	8.562 965	208	8.563 255	208	1.436 745	9.999 710	0	905	
096	8.563 172	207	8.563 462	207	1.436 538	9.999 709	1	904	
		207		208			0		
097	8.563 379		8.563 670		1.436 330	9.999 709		903	
098	8.563 586	207	8.563 877	207	1.436 123	9.999 709	0	902	
099	8.563 793	207	8.564 084	207	1.435 916	9.999 709	0	901	
		206		207			1		
.100	8.563 999		8.564 291		1.435 709	9.999 708		**.900**	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	212	211
1	21.2	21.1
2	42.4	42.2
3	63.6	63.3
4	84.8	84.4
5	106.0	105.5
6	127.2	126.6
7	148.4	147.7
8	169.6	168.8
9	190.8	189.9

	210	209
1	21.0	20.9
2	42.0	41.8
3	63.0	62.7
4	84.0	83.6
5	105.0	104.5
6	126.0	125.4
7	147.0	146.3
8	168.0	167.2
9	189.0	188.1

	208	207
1	20.8	20.7
2	41.6	41.4
3	62.4	62.1
4	83.2	82.8
5	104.0	103.5
6	124.8	124.2
7	145.6	144.9
8	166.4	165.6
9	187.2	186.3

	206
1	20.6
2	41.2
3	61.8
4	82.4
5	103.0
6	123.6
7	144.2
8	164.8
9	185.4

$87^\circ.950 - 87^\circ.900$

$2^\circ.100 - 2^\circ.150$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.100	8.563 999		8.564 291		1.435 709	9.999 708		**.900**	
		207		207			0		
101	8.564 206		8.564 498		1.435 502	9.999 708		899	
102	8.564 413	207	8.564 705	207	1.435 295	9.999 708	0	898	
103	8.564 619	206	8.564 912	207	1.435 088	9.999 707	1	897	
		206		206			0		
104	8.564 825		8.565 118		1.434 882	9.999 707		896	
105	8.565 032	207	8.565 325	207	1.434 675	9.999 707	0	895	
106	8.565 238	206	8.565 531	206	1.434 469	9.999 707	0	894	
		206		207			1		
107	8.565 444		8.565 738		1.434 262	9.999 706		893	
108	8.565 650	206	8.565 944	206	1.434 056	9.999 706	0	892	
109	8.565 856	206	8.566 150	206	1.433 850	9.999 706	0	891	
		206		206			1		
.110	8.566 062		8.566 356		1.433 644	9.999 705		**.890**	
		205		206			0		
111	8.566 267		8.566 562		1.433 438	9.999 705		889	
112	8.566 473	206	8.566 768	206	1.433 232	9.999 705	0	888	
113	8.566 678	205	8.566 974	206	1.433 026	9.999 705	0	887	
		206		205			1		
114	8.566 884		8.567 179		1.432 821	9.999 704		886	
115	8.567 089	205	8.567 385	206	1.432 615	9.999 704	0	885	
116	8.567 294	205	8.567 591	206	1.432 409	9.999 704	0	884	
		205		205			1		
117	8.567 499		8.567 796		1.432 204	9.999 703		883	
118	8.567 704	205	8.568 001	205	1.431 999	9.999 703	0	882	
119	8.567 909	205	8.568 206	205	1.431 794	9.999 703	0	881	
		205		205			0		
.120	8.568 114		8.568 411		1.431 589	9.999 703		**.880**	
		205		205			1		
121	8.568 319		8.568 616		1.431 384	9.999 702		879	
122	8.568 523	204	8.568 821	205	1.431 179	9.999 702	0	878	
123	8.568 728	205	8.569 026	205	1.430 974	9.999 702	0	877	
		204		205			0		
124	8.568 932		8.569 231		1.430 769	9.999 702		876	
125	8.569 137	205	8.569 435	204	1.430 565	9.999 701	1	875	
126	8.569 341	204	8.569 640	205	1.430 360	9.999 701	0	874	
		204		204			0		
127	8.569 545		8.569 844		1.430 156	9.999 701		873	
128	8.569 749	204	8.570 049	205	1.429 951	9.999 700	1	872	
129	8.569 953	204	8.570 253	204	1.429 747	9.999 700	0	871	
		204		204			0		
.130	8.570 157		8.570 457		1.429 543	9.999 700		**.870**	
		204		204			0		
131	8.570 361		8.570 661		1.429 339	9.999 700		869	
132	8.570 564	203	8.570 865	204	1.429 135	9.999 699	1	868	
133	8.570 768	204	8.571 069	204	1.428 931	9.999 699	0	867	
		203		204			0		
134	8.570 971		8.571 273		1.428 727	9.999 699		866	
135	8.571 175	204	8.571 476	203	1.428 524	9.999 698	1	865	
136	8.571 378	203	8.571 680	204	1.428 320	9.999 698	0	864	
		203		203			0		
137	8.571 581		8.571 883		1.428 117	9.999 698		863	
138	8.571 784	203	8.572 087	204	1.427 913	9.999 698	0	862	
139	8.571 987	203	8.572 290	203	1.427 710	9.999 697	1	861	
		203		203			0		
.140	8.572 190		8.572 493		1.427 507	9.999 697		**.860**	
		203		203			0		
141	8.572 393		8.572 696		1.427 304	9.999 697		859	
142	8.572 596	203	8.572 899	203	1.427 101	9.999 696	1	858	
143	8.572 798	202	8.573 102	203	1.426 898	9.999 696	0	857	
		203		203			0		
144	8.573 001		8.573 305		1.426 695	9.999 696		856	
145	8.573 203	202	8.573 508	203	1.426 492	9.999 696	0	855	
146	8.573 406	203	8.573 710	202	1.426 290	9.999 695	1	854	
		202		203			0		
147	8.573 608		8.573 913		1.426 087	9.999 695		853	
148	8.573 810	202	8.574 115	202	1.425 885	9.999 695	0	852	
149	8.574 012	202	8.574 318	203	1.425 682	9.999 694	1	851	
		202		202			0		
.150	8.574 214		8.574 520		1.425 480	9.999 694		**.850**	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	207	206
1	20.7	20.6
2	41.4	41.2
3	62.1	61.8
4	82.8	82.4
5	103.5	103.0
6	124.2	123.6
7	144.9	144.2
8	165.6	164.8
9	186.3	185.4

	205	204
1	20.5	20.4
2	41.0	40.8
3	61.5	61.2
4	82.0	81.6
5	102.5	102.0
6	123.0	122.4
7	143.5	142.8
8	164.0	163.2
9	184.5	183.6

	203	202
1	20.3	20.2
2	40.6	40.4
3	60.9	60.6
4	81.2	80.8
5	101.5	101.0
6	121.8	121.2
7	142.1	141.4
8	162.4	161.6
9	182.7	181.8

$87^\circ.900 - 87^\circ.850$

$2^\circ.150$ — $2^\circ.200$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.150	8.574 214		8.574 520		1.425 480	9.999 694		**.850**	
		202		202			0		
151	8.574 416		8.574 722		1.425 278	9.999 694		849	
152	8.574 618	202	8.574 924	202	1.425 076	9.999 694	0	848	
153	8.574 819	201	8.575 126	202	1.424 874	9.999 693	1	847	
		202		202			0		
154	8.575 021		8.575 328		1.424 672	9.999 693		846	
155	8.575 222	201	8.575 530	202	1.424 470	9.999 693	0	845	
156	8.575 424	202	8.575 731	201	1.424 269	9.999 692	1	844	
		201		202			0		
157	8.575 625		8.575 933		1.424 067	9.999 692		843	
158	8.575 826	201	8.576 134	201	1.423 866	9.999 692	0	842	
159	8.576 027	201	8.576 336	202	1.423 664	9.999 692	0	841	
		201		201			1		
.160	8.576 228		8.576 537		1.423 463	9.999 691		**.840**	
		201		201			0		
161	8.576 429		8.576 738		1.423 262	9.999 691		839	
162	8.576 630	201	8.576 939	201	1.423 061	9.999 691	0	838	
163	8.576 831	201	8.577 140	201	1.422 860	9.999 690	1	837	
		200		201			0		
164	8.577 031		8.577 341		1.422 659	9.999 690		836	
165	8.577 232	201	8.577 542	201	1.422 458	9.999 690	0	835	
166	8.577 432	200	8.577 743	201	1.422 257	9.999 690	0	834	
		201		200			1		
167	8.577 633		8.577 943		1.422 057	9.999 689		833	
168	8.577 833	200	8.578 144	201	1.421 856	9.999 689	0	832	
169	8.578 033	200	8.578 344	200	1.421 656	9.999 689	0	831	
		200		201			1		
.170	8.578 233		8.578 545		1.421 455	9.999 688		**.830**	
		200		200			0		
171	8.578 433		8.578 745		1.421 255	9.999 688		829	
172	8.578 633	200	8.578 945	200	1.421 055	9.999 688	0	828	
173	8.578 833	200	8.579 145	200	1.420 855	9.999 688	0	827	
		200		200			1		
174	8.579 033		8.579 345		1.420 655	9.999 687		826	
175	8.579 232	199	8.579 545	200	1.420 455	9.999 687	0	825	
176	8.579 432	200	8.579 745	200	1.420 255	9.999 687	0	824	
		199		200			1		
177	8.579 631		8.579 945		1.420 055	9.999 686		823	
178	8.579 831	200	8.580 145	200	1.419 855	9.999 686	0	822	
179	8.580 030	199	8.580 344	199	1.419 656	9.999 686	0	821	
		199		200			0		
.180	8.580 229		8.580 544		1.419 456	9.999 686		**.820**	
		199		199			1		
181	8.580 428		8.580 743		1.419 257	9.999 685		819	
182	8.580 627	199	8.580 942	199	1.419 058	9.999 685	0	818	
183	8.580 826	199	8.581 141	199	1.418 859	9.999 685	0	817	
		199		199			1		
184	8.581 025		8.581 340		1.418 660	9.999 684		816	
185	8.581 224	199	8.581 539	199	1.418 461	9.999 684	0	815	
186	8.581 422	198	8.581 738	199	1.418 262	9.999 684	0	814	
		199		199			0		
187	8.581 621		8.581 937		1.418 063	9.999 684		813	
188	8.581 819	198	8.582 136	199	1.417 864	9.999 683	1	812	
189	8.582 017	198	8.582 335	199	1.417 665	9.999 683	0	811	
		199		198			0		
.190	8.582 216		8.582 533		1.417 467	9.999 683		**.810**	
		198		199			1		
191	8.582 414		8.582 732		1.417 268	9.999 682		809	
192	8.582 612	198	8.582 930	198	1.417 070	9.999 682	0	808	
193	8.582 810	198	8.583 128	198	1.416 872	9.999 682	0	807	
		198		198			0		
194	8.583 008		8.583 326		1.416 674	9.999 682		806	
195	8.583 206	198	8.583 524	198	1.416 476	9.999 681	1	805	
196	8.583 403	197	8.583 722	198	1.416 278	9.999 681	0	804	
		198		198			0		
197	8.583 601		8.583 920		1.416 080	9.999 681		803	
198	8.583 799	198	8.584 118	198	1.415 882	9.999 680	1	802	
199	8.583 996	197	8.584 316	198	1.415 684	9.999 680	0	801	
		197		198			0		
.200	8.584 193		8.584 514		1.415 486	9.999 680		**.800**	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	202	201
1	20.2	20.1
2	40.4	40.2
3	60.6	60.3
4	80.8	80.4
5	101.0	100.5
6	121.2	120.6
7	141.4	140.7
8	161.6	160.8
9	181.8	180.9

	200	199
1	20.0	19.9
2	40.0	39.8
3	60.0	59.7
4	80.0	79.6
5	100.0	99.5
6	120.0	119.4
7	140.0	139.3
8	160.0	159.2
9	180.0	179.1

	198	197
1	19.8	19.7
2	39.6	39.4
3	59.4	59.1
4	79.2	78.8
5	99.0	98.5
6	118.8	118.2
7	138.6	137.9
8	158.4	157.6
9	178.2	177.3

$87^\circ.850$ — $87^\circ.800$

2°.200 — 2°.250

2°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.584 193		8.584 514		1.415 486	9.999 680		**.800**	
		198		197			1		
201	8.584 391		8.584 711		1.415 289	9.999 679		799	
202	8.584 588	197	8.584 909	198	1.415 091	9.999 679	0	798	
203	8.584 785	197	8.585 106	197	1.414 894	9.999 679	0	797	
		197		197			0		
204	8.584 982		8.585 303		1.414 697	9.999 679		796	
205	8.585 179	197	8.585 500	197	1.414 500	9.999 678	1	795	
206	8.585 376	197	8.585 698	198	1.414 302	9.999 678	0	794	
		196		197			0		
207	8.585 572		8.585 895		1.414 105	9.999 678		793	
208	8.585 769	197	8.586 092	197	1.413 908	9.999 677	1	792	
209	8.585 965	196	8.586 288	196	1.413 712	9.999 677	0	791	
		197		197			0		
.210	8.586 162		8.586 485		1.413 515	9.999 677		**.790**	
		196		197			0		
211	8.586 358		8.586 682		1.413 318	9.999 677		789	
212	8.586 555	197	8.586 878	196	1.413 122	9.999 676	1	788	
213	8.586 751	196	8.587 075	197	1.412 925	9.999 676	0	787	
		196		196			0		
214	8.586 947		8.587 271		1.412 729	9.999 676		786	
215	8.587 143	196	8.587 468	197	1.412 532	9.999 675	1	785	
216	8.587 339	196	8.587 664	196	1.412 336	9.999 675	0	784	
		196		196			0		
217	8.587 535		8.587 860		1.412 140	9.999 675		783	
218	8.587 730	195	8.588 056	196	1.411 944	9.999 675	0	782	
219	8.587 926	196	8.588 252	196	1.411 748	9.999 674	1	781	
		196		196			0		
.220	8.588 122		8.588 448		1.411 552	9.999 674		**.780**	
		195		196			0		
221	8.588 317		8.588 644		1.411 356	9.999 674		779	
222	8.588 513	196	8.588 839	195	1.411 161	9.999 673	1	778	
223	8.588 708	195	8.589 035	196	1.410 965	9.999 673	0	777	
		195		195			0		
224	8.588 903		8.589 230		1.410 770	9.999 673		776	
225	8.589 098	195	8.589 426	196	1.410 574	9.999 672	1	775	
226	8.589 293	195	8.589 621	195	1.410 379	9.999 672	0	774	
		195		195			0		
227	8.589 488		8.589 816		1.410 184	9.999 672		773	
228	8.589 683	195	8.590 012	196	1.409 988	9.999 672	0	772	
229	8.589 878	195	8.590 207	195	1.409 793	9.999 671	1	771	
		195		195			0		
.230	8.590 073		8.590 402		1.409 598	9.999 671		**.770**	
		194		195			0		
231	8.590 267		8.590 597		1.409 403	9.999 671		769	
232	8.590 462	195	8.590 791	194	1.409 209	9.999 670	1	768	
233	8.590 656	194	8.590 986	195	1.409 014	9.999 670	0	767	
		194		195			0		
234	8.590 850		8.591 181		1.408 819	9.999 670		766	
235	8.591 045	195	8.591 375	194	1.408 625	9.999 669	1	765	
236	8.591 239	194	8.591 570	195	1.408 430	9.999 669	0	764	
		194		194			0		
237	8.591 433		8.591 764		1.408 236	9.999 669		763	
238	8.591 627	194	8.591 958	194	1.408 042	9.999 669	0	762	
239	8.591 821	194	8.592 153	195	1.407 847	9.999 668	1	761	
		194		194			0		
.240	8.592 015		8.592 347		1.407 653	9.999 668		**.760**	
		193		194			0		
241	8.592 208		8.592 541		1.407 459	9.999 668		759	
242	8.592 402	194	8.592 735	194	1.407 265	9.999 667	1	758	
243	8.592 596	194	8.592 929	194	1.407 071	9.999 667	0	757	
		193		193			0		
244	8.592 789		8.593 122		1.406 878	9.999 667		756	
245	8.592 983	194	8.593 316	194	1.406 684	9.999 667	0	755	
246	8.593 176	193	8.593 510	194	1.406 490	9.999 666	1	754	
		193		193			0		
247	8.593 369		8.593 703		1.406 297	9.999 666		753	
248	8.593 562	193	8.593 897	194	1.406 103	9.999 666	0	752	
249	8.593 755	193	8.594 090	193	1.405 910	9.999 665	1	751	
		193		193			0		
.250	8.593 948		8.594 283		1.405 717	9.999 665		**.750**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	198	197
1	19.8	19.7
2	39.6	39.4
3	59.4	59.1
4	79.2	78.8
5	99.0	98.5
6	118.8	118.2
7	138.6	137.9
8	158.4	157.6
9	178.2	177.3

	196	195
1	19.6	19.5
2	39.2	39.0
3	58.8	58.5
4	78.4	78.0
5	98.0	97.5
6	117.6	117.0
7	137.2	136.5
8	156.8	156.0
9	176.4	175.5

	194	193
1	19.4	19.3
2	38.8	38.6
3	58.2	57.9
4	77.6	77.2
5	97.0	96.5
6	116.4	115.8
7	135.8	135.1
8	155.2	154.4
9	174.6	173.7

87°.800 — 87°.750

$2^\circ.250 - 2^\circ.300$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.593 948		8.594 283		1.405 717	9.999 665		**.750**	
		193		193			0		
251	8.594 141		8.594 476		1.405 524	9.999 665		749	
252	8.594 334	193	8.594 669	193	1.405 331	9.999 664	1	748	
253	8.594 527	193	8.594 862	193	1.405 138	9.999 664	0	747	
		192		193			0		
254	8.594 719		8.595 055		1.404 945	9.999 664		746	
255	8.594 912	193	8.595 248	193	1.404 752	9.999 664	0	745	
256	8.595 104	192	8.595 441	193	1.404 559	9.999 663	1	744	
		193		193			0		
257	8.595 297		8.595 634		1.404 366	9.999 663		743	
258	8.595 489	192	8.595 826	192	1.404 174	9.999 663	0	742	
259	8.595 681	192	8.596 019	193	1.403 981	9.999 662	1	741	
		192		192			0		
.260	8.595 873		8.596 211		1.403 789	9.999 662		**.740**	
		192		192			0		
261	8.596 065		8.596 403		1.403 597	9.999 662		739	
262	8.596 257	192	8.596 596	193	1.403 404	9.999 661	1	738	
263	8.596 449	192	8.596 788	192	1.403 212	9.999 661	0	737	
		192		192			0		
264	8.596 641		8.596 980		1.403 020	9.999 661		736	
265	8.596 832	191	8.597 172	192	1.402 828	9.999 661	0	735	
266	8.597 024	192	8.597 364	192	1.402 636	9.999 660	1	734	
		192		192			0		
267	8.597 216		8.597 556		1.402 444	9.999 660		733	
268	8.597 407	191	8.597 747	191	1.402 253	9.999 660	0	732	
269	8.597 598	191	8.597 939	192	1.402 061	9.999 659	1	731	
		192		192			0		
.270	8.597 790		8.598 131		1.401 869	9.999 659		**.730**	
		191		191			0		
271	8.597 981		8.598 322		1.401 678	9.999 659		729	
272	8.598 172	191	8.598 513	191	1.401 487	9.999 658	1	728	
273	8.598 363	191	8.598 705	192	1.401 295	9.999 658	0	727	
		191		191			0		
274	8.598 554		8.598 896		1.401 104	9.999 658		726	
275	8.598 745	191	8.599 087	191	1.400 913	9.999 658	0	725	
276	8.598 935	190	8.599 278	191	1.400 722	9.999 657	1	724	
		191		191			0		
277	8.599 126		8.599 469		1.400 531	9.999 657		723	
278	8.599 317	191	8.599 660	191	1.400 340	9.999 657	0	722	
279	8.599 507	190	8.599 851	191	1.400 149	9.999 656	1	721	
		191		191			0		
.280	8.599 698		8.600 042		1.399 958	9.999 656		**.720**	
		190		190			0		
281	8.599 888		8.600 232		1.399 768	9.999 656		719	
282	8.600 078	190	8.600 423	191	1.399 577	9.999 655	1	718	
283	8.600 268	190	8.600 613	190	1.399 387	9.999 655	0	717	
		190		191			0		
284	8.600 458		8.600 804		1.399 196	9.999 655		716	
285	8.600 648	190	8.600 994	190	1.399 006	9.999 655	0	715	
286	8.600 838	190	8.601 184	190	1.398 816	9.999 654	1	714	
		190		190			0		
287	8.601 028		8.601 374		1.398 626	9.999 654		713	
288	8.601 218	190	8.601 564	190	1.398 436	9.999 654	0	712	
289	8.601 408	190	8.601 754	190	1.398 246	9.999 653	1	711	
		189		190			0		
.290	8.601 597		8.601 944		1.398 056	9.999 653		**.710**	
		190		190			0		
291	8.601 787		8.602 134		1.397 866	9.999 653		709	
292	8.601 976	189	8.602 324	190	1.397 676	9.999 652	1	708	
293	8.602 165	189	8.602 513	189	1.397 487	9.999 652	0	707	
		190		190			0		
294	8.602 355		8.602 703		1.397 297	9.999 652		706	
295	8.602 544	189	8.602 892	189	1.397 108	9.999 652	0	705	
296	8.602 733	189	8.603 082	190	1.396 918	9.999 651	1	704	
		189		189			0		
297	8.602 922		8.603 271		1.396 729	9.999 651		703	
298	8.603 111	189	8.603 460	189	1.396 540	9.999 651	0	702	
299	8.603 300	189	8.603 650	190	1.396 350	9.999 650	1	701	
		189		189			0		
.300	8.603 489		8.603 839		1.396 161	9.999 650		**.700**	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	193	192
1	19.3	19.2
2	38.6	38.4
3	57.9	57.6
4	77.2	76.8
5	96.5	96.0
6	115.8	115.2
7	135.1	134.4
8	154.4	153.6
9	173.7	172.8

	191	190
1	19.1	19.0
2	38.2	38.0
3	57.3	57.0
4	76.4	76.0
5	95.5	95.0
6	114.6	114.0
7	133.7	133.0
8	152.8	152.0
9	171.9	171.0

	189
1	18.9
2	37.8
3	56.7
4	75.6
5	94.5
6	113.4
7	132.3
8	151.2
9	170.1

$87^\circ.750 - 87^\circ.700$

$2^\circ.300 - 2^\circ.350$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.300	8.603 489		8.603 839		1.396 161	9.999 650		**.700**	
		188		189			0		
301	8.603 677		8.604 028		1.395 972	9.999 650		699	
302	8.603 866	189	8.604 216	188	1.395 784	9.999 649	1	698	
303	8.604 054	188	8.604 405	189	1.395 595	9.999 649	0	697	
		189		189			0		
304	8.604 243		8.604 594		1.395 406	9.999 649		696	
305	8.604 431	188	8.604 783	189	1.395 217	9.999 648	1	695	
306	8.604 619	188	8.604 971	188	1.395 029	9.999 648	0	694	
		189		189			0		
307	8.604 808		8.605 160		1.394 840	9.999 648		693	
308	8.604 996	188	8.605 348	188	1.394 652	9.999 648	0	692	
309	8.605 184	188	8.605 536	188	1.394 464	9.999 647	1	691	
		188		189			0		
.310	8.605 372		8.605 725		1.394 275	9.999 647		**.690**	
		188		188			0		
311	8.605 560		8.605 913		1.394 087	9.999 647		689	
312	8.605 747	187	8.606 101	188	1.393 899	9.999 646	1	688	
313	8.605 935	188	8.606 289	188	1.393 711	9.999 646	0	687	
		188		188			0		
314	8.606 123		8.606 477		1.393 523	9.999 646		686	
315	8.606 310	187	8.606 665	188	1.393 335	9.999 645	1	685	
316	8.606 498	188	8.606 853	188	1.393 147	9.999 645	0	684	
		187		187			0		
317	8.606 685		8.607 040		1.392 960	9.999 645		683	
318	8.606 872	187	8.607 228	188	1.392 772	9.999 644	1	682	
319	8.607 060	188	8.607 415	187	1.392 585	9.999 644	0	681	
		187		188			0		
.320	8.607 247		8.607 603		1.392 397	9.999 644		**.680**	
		187		187			0		
321	8.607 434		8.607 790		1.392 210	9.999 644		679	
322	8.607 621	187	8.607 977	187	1.392 023	9.999 643	1	678	
323	8.607 808	187	8.608 165	188	1.391 835	9.999 643	0	677	
		186		187			0		
324	8.607 994		8.608 352		1.391 648	9.999 643		676	
325	8.608 181	187	8.608 539	187	1.391 461	9.999 642	1	675	
326	8.608 368	187	8.608 726	187	1.391 274	9.999 642	0	674	
		186		187			0		
327	8.608 554		8.608 913		1.391 087	9.999 642		673	
328	8.608 741	187	8.609 099	186	1.390 901	9.999 641	1	672	
329	8.608 927	186	8.609 286	187	1.390 714	9.999 641	0	671	
		187		187			0		
.330	8.609 114		8.609 473		1.390 527	9.999 641		**.670**	
		186		186			1		
331	8.609 300		8.609 659		1.390 341	9.999 640		669	
332	8.609 486	186	8.609 846	187	1.390 154	9.999 640	0	668	
333	8.609 672	186	8.610 032	186	1.389 968	9.999 640	0	667	
		186		187			0		
334	8.609 858		8.610 219		1.389 781	9.999 640		666	
335	8.610 044	186	8.610 405	186	1.389 595	9.999 639	1	665	
336	8.610 230	186	8.610 591	186	1.389 409	9.999 639	0	664	
		186		186			0		
337	8.610 416		8.610 777		1.389 223	9.999 639		663	
338	8.610 601	185	8.610 963	186	1.389 037	9.999 638	1	662	
339	8.610 787	186	8.611 149	186	1.388 851	9.999 638	0	661	
		185		186			0		
.340	8.610 972		8.611 335		1.388 665	9.999 638		**.660**	
		186		186			1		
341	8.611 158		8.611 521		1.388 479	9.999 637		659	
342	8.611 343	185	8.611 706	185	1.388 294	9.999 637	0	658	
343	8.611 529	186	8.611 892	186	1.388 108	9.999 637	0	657	
		185		185			1		
344	8.611 714		8.612 077		1.387 923	9.999 636		656	
345	8.611 899	185	8.612 263	186	1.387 737	9.999 636	0	655	
346	8.612 084	185	8.612 448	185	1.387 552	9.999 636	0	654	
		185		185			0		
347	8.612 269		8.612 633		1.387 367	9.999 636		653	
348	8.612 454	185	8.612 819	186	1.387 181	9.999 635	1	652	
349	8.612 639	185	8.613 004	185	1.386 996	9.999 635	0	651	
		184		185			0		
.350	8.612 823		8.613 189		1.386 811	9.999 635		**.650**	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	189	188
1	18.9	18.8
2	37.8	37.6
3	56.7	56.4
4	75.6	75.2
5	94.5	94.0
6	113.4	112.8
7	132.3	131.6
8	151.2	150.4
9	170.1	169.2

	187	186
1	18.7	18.6
2	37.4	37.2
3	56.1	55.8
4	74.8	74.4
5	93.5	93.0
6	112.2	111.6
7	130.9	130.2
8	149.6	148.8
9	168.3	167.4

	185	184
1	18.5	18.4
2	37.0	36.8
3	55.5	55.2
4	74.0	73.6
5	92.5	92.0
6	111.0	110.4
7	129.5	128.8
8	148.0	147.2
9	166.5	165.6

$87^\circ.700 - 87^\circ.650$

$2^\circ.350 - 2^\circ.400$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.350	8.612 823		8.613 189		1.386 811	9.999 635		**.650**	
		185		185			1		
351	8.613 008		8.613 374		1.386 626	9.999 634		649	
352	8.613 193	185	8.613 559	185	1.386 441	9.999 634	0	648	185
353	8.613 377	184	8.613 744	185	1.386 256	9.999 634	0	647	1 18.5
		185		184			1		2 37.0
354	8.613 562		8.613 928		1.386 072	9.999 633		646	3 55.5
355	8.613 746	184	8.614 113	185	1.385 887	9.999 633	0	645	4 74.0
356	8.613 930	184	8.614 298	185	1.385 702	9.999 633	0	644	5 92.5
		184		184			1		6 111.0
357	8.614 114		8.614 482		1.385 518	9.999 632		643	7 129.5
358	8.614 299	185	8.614 666	184	1.385 334	9.999 632	0	642	8 148.0
359	8.614 483	184	8.614 851	185	1.385 149	9.999 632	0	641	9 166.5
		184		184			1		
.360	8.614 667		8.615 035		1.384 965	9.999 631		**.640**	
		183		184			0		
361	8.614 850		8.615 219		1.384 781	9.999 631		639	184
362	8.615 034	184	8.615 403	184	1.384 597	9.999 631	0	638	1 18.4
363	8.615 218	184	8.615 587	184	1.384 413	9.999 631	0	637	2 36.8
		184		184			1		3 55.2
364	8.615 402		8.615 771		1.384 229	9.999 630		636	4 73.6
365	8.615 585	183	8.615 955	184	1.384 045	9.999 630	0	635	5 92.0
366	8.615 769	184	8.616 139	184	1.383 861	9.999 630	0	634	6 110.4
		183		184			1		7 128.8
367	8.615 952		8.616 323		1.383 677	9.999 629		633	8 147.2
368	8.616 135	183	8.616 506	183	1.383 494	9.999 629	0	632	9 165.6
369	8.616 319	184	8.616 690	184	1.383 310	9.999 629	0	631	
		183		184			1		
.370	8.616 502		8.616 874		1.383 126	9.999 628		**.630**	
		183		183			0		
371	8.616 685		8.617 057		1.382 943	9.999 628		629	183
372	8.616 868	183	8.617 240	183	1.382 760	9.999 628	0	628	1 18.3
373	8.617 051	183	8.617 424	184	1.382 576	9.999 627	1	627	2 36.6
		183		183			0		3 54.9
374	8.617 234		8.617 607		1.382 393	9.999 627		626	4 73.2
375	8.617 417	183	8.617 790	183	1.382 210	9.999 627	0	625	5 91.5
376	8.617 599	182	8.617 973	183	1.382 027	9.999 626	1	624	6 109.8
		183		183			0		7 128.1
377	8.617 782		8.618 156		1.381 844	9.999 626		623	8 146.4
378	8.617 965	183	8.618 339	183	1.381 661	9.999 626	0	622	9 164.7
379	8.618 147	182	8.618 521	182	1.381 479	9.999 626	0	621	
		182		183			1		
.380	8.618 329		8.618 704		1.381 296	9.999 625		**.620**	
		183		183			0		
381	8.618 512		8.618 887		1.381 113	9.999 625		619	182
382	8.618 694	182	8.619 069	182	1.380 931	9.999 625	0	618	1 18.2
383	8.618 876	182	8.619 252	183	1.380 748	9.999 624	1	617	2 36.4
		182		182			0		3 54.6
384	8.619 058		8.619 434		1.380 566	9.999 624		616	4 72.8
385	8.619 240	182	8.619 617	183	1.380 383	9.999 624	0	615	5 91.0
386	8.619 422	182	8.619 799	182	1.380 201	9.999 623	1	614	6 109.2
		182		182			0		7 127.4
387	8.619 604		8.619 981		1.380 019	9.999 623		613	8 145.6
388	8.619 786	182	8.620 163	182	1.379 837	9.999 623	0	612	9 163.8
389	8.619 968	182	8.620 345	182	1.379 655	9.999 622	1	611	
		181		182			0		
.390	8.620 149		8.620 527		1.379 473	9.999 622		**.610**	
		182		182			0		
391	8.620 331		8.620 709		1.379 291	9.999 622		609	181
392	8.620 512	181	8.620 891	182	1.379 109	9.999 621	1	608	1 18.1
393	8.620 694	182	8.621 073	182	1.378 927	9.999 621	0	607	2 36.2
		181		181			0		3 54.3
394	8.620 875		8.621 254		1.378 746	9.999 621		606	4 72.4
395	8.621 056	181	8.621 436	182	1.378 564	9.999 620	1	605	5 90.5
396	8.621 238	182	8.621 617	181	1.378 383	9.999 620	0	604	6 108.6
		181		182			0		7 126.7
397	8.621 419		8.621 799		1.378 201	9.999 620		603	8 144.8
398	8.621 600	181	8.621 980	181	1.378 020	9.999 620	0	602	9 162.9
399	8.621 781	181	8.622 162	182	1.377 838	9.999 619	1	601	
		181		181			0		
.400	8.621 962		8.622 343		1.377 657	9.999 619		**.600**	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

$87^\circ.650 - 87^\circ.600$

$2^\circ.400 - 2^\circ.450$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.400	8.621 962		8.622 343		1.377 657	9.999 619		**.600**	
		180		181			0		
401	8.622 142		8.622 524		1.377 476	9.999 619		599	
402	8.622 323	181	8.622 705	181	1.377 295	9.999 618	1	598	181
403	8.622 504	181	8.622 886	181	1.377 114	9.999 618	0	597	1 18.1
		180		181			0		2 36.2
404	8.622 684		8.623 067		1.376 933	9.999 618		596	3 54.3
405	8.622 865	181	8.623 248	181	1.376 752	9.999 617	1	595	4 72.4
406	8.623 045	180	8.623 428	180	1.376 572	9.999 617	0	594	5 90.5
		181		181			0		6 108.6
407	8.623 226		8.623 609		1.376 391	9.999 617		593	7 126.7
408	8.623 406	180	8.623 790	181	1.376 210	9.999 616	1	592	8 144.8
409	8.623 586	180	8.623 970	180	1.376 030	9.999 616	0	591	9 162.9
		180		181			0		
.410	8.623 766		8.624 151		1.375 849	9.999 616		**.590**	
		180		180			1		
411	8.623 946		8.624 331		1.375 669	9.999 615		589	180
412	8.624 126	180	8.624 511	180	1.375 489	9.999 615	0	588	
413	8.624 306	180	8.624 692	181	1.375 308	9.999 615	0	587	1 18.0
		180		180			1		2 36.0
414	8.624 486		8.624 872		1.375 128	9.999 614		586	3 54.0
415	8.624 666	180	8.625 052	180	1.374 948	9.999 614	0	585	4 72.0
416	8.624 846	180	8.625 232	180	1.374 768	9.999 614	0	584	5 90.0
		179		180			1		6 108.0
417	8.625 025		8.625 412		1.374 588	9.999 613		583	7 126.0
418	8.625 205	180	8.625 592	180	1.374 408	9.999 613	0	582	8 144.0
419	8.625 384	179	8.625 771	179	1.374 229	9.999 613	0	581	9 162.0
		180		180			0		
.420	8.625 564		8.625 951		1.374 049	9.999 613		**.580**	
		179		180			1		
421	8.625 743		8.626 131		1.373 869	9.999 612		579	179
422	8.625 922	179	8.626 310	179	1.373 690	9.999 612	0	578	
423	8.626 101	179	8.626 490	180	1.373 510	9.999 612	0	577	1 17.9
		179		179			1		2 35.8
424	8.626 280		8.626 669		1.373 331	9.999 611		576	3 53.7
425	8.626 459	179	8.626 849	180	1.373 151	9.999 611	0	575	4 71.6
426	8.626 638	179	8.627 028	179	1.372 972	9.999 611	0	574	5 89.5
		179		179			1		6 107.4
427	8.626 817		8.627 207		1.372 793	9.999 610		573	7 125.3
428	8.626 996	179	8.627 386	179	1.372 614	9.999 610	0	572	8 143.2
429	8.627 175	179	8.627 565	179	1.372 435	9.999 610	0	571	9 161.1
		178		179			1		
.430	8.627 353		8.627 744		1.372 256	9.999 609		**.570**	
		179		179			0		
431	8.627 532		8.627 923		1.372 077	9.999 609		569	178
432	8.627 711	179	8.628 102	179	1.371 898	9.999 609	0	568	
433	8.627 889	178	8.628 281	179	1.371 719	9.999 608	1	567	1 17.8
		178		178			0		2 35.6
434	8.628 067		8.628 459		1.371 541	9.999 608		566	3 53.4
435	8.628 246	179	8.628 638	179	1.371 362	9.999 608	0	565	4 71.2
436	8.628 424	178	8.628 816	178	1.371 184	9.999 607	1	564	5 89.0
		178		179			0		6 106.8
437	8.628 602		8.628 995		1.371 005	9.999 607		563	7 124.6
438	8.628 780	178	8.629 173	178	1.370 827	9.999 607	0	562	8 142.4
439	8.628 958	178	8.629 352	179	1.370 648	9.999 606	1	561	9 160.2
		178		178			0		
.440	8.629 136		8.629 530		1.370 470	9.999 606		**.560**	
		178		178			0		
441	8.629 314		8.629 708		1.370 292	9.999 606		559	177
442	8.629 492	178	8.629 886	178	1.370 114	9.999 605	1	558	
443	8.629 669	177	8.630 064	178	1.369 936	9.999 605	0	557	1 17.7
		178		178			0		2 35.4
444	8.629 847		8.630 242		1.369 758	9.999 605		556	3 53.1
445	8.630 024	177	8.630 420	178	1.369 580	9.999 604	1	555	4 70.8
446	8.630 202	178	8.630 598	178	1.369 402	9.999 604	0	554	5 88.5
		177		177			0		6 106.2
447	8.630 379		8.630 775		1.369 225	9.999 604		553	7 123.9
448	8.630 557	178	8.630 953	178	1.369 047	9.999 603	1	552	8 141.6
449	8.630 734	177	8.631 131	178	1.368 869	9.999 603	0	551	9 159.3
		177		177			0		
.450	8.630 911		8.631 308		1.368 692	9.999 603		**.550**	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

$87^\circ.600 - 87^\circ.550$

$2^\circ.450 - 2^\circ.500$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.630 911		8.631 308		1.368 692	9.999 603		**.550**	
		177		178			0		
451	8.631 088		8.631 486		1.368 514	9.999 603		549	
452	8.631 265	177	8.631 663	177	1.368 337	9.999 602	1	548	
453	8.631 442	177	8.631 840	177	1.368 160	9.999 602	0	547	
		177		178			0		
454	8.631 619		8.632 018		1.367 982	9.999 602		546	
455	8.631 796	177	8.632 195	177	1.367 805	9.999 601	1	545	
456	8.631 973	177	8.632 372	177	1.367 628	9.999 601	0	544	
		176		177			0		
457	8.632 149		8.632 549		1.367 451	9.999 601		543	
458	8.632 326	177	8.632 726	177	1.367 274	9.999 600	1	542	
459	8.632 503	177	8.632 903	177	1.367 097	9.999 600	0	541	
		176		176			0		
.460	8.632 679		8.633 079		1.366 921	9.999 600		**.540**	
		176		177			1		
461	8.632 855		8.633 256		1.366 744	9.999 599		539	
462	8.633 032	177	8.633 433	177	1.366 567	9.999 599	0	538	
463	8.633 208	176	8.633 609	176	1.366 391	9.999 599	0	537	
		176		177			1		
464	8.633 384		8.633 786		1.366 214	9.999 598		536	
465	8.633 560	176	8.633 962	176	1.366 038	9.999 598	0	535	
466	8.633 736	176	8.634 139	177	1.365 861	9.999 598	0	534	
		176		176			1		
467	8.633 912		8.634 315		1.365 685	9.999 597		533	
468	8.634 088	176	8.634 491	176	1.365 509	9.999 597	0	532	
469	8.634 264	176	8.634 667	176	1.365 333	9.999 597	0	531	
		176		176			1		
.470	8.634 440		8.634 843		1.365 157	9.999 596		**.530**	
		175		176			0		
471	8.634 615		8.635 019		1.364 981	9.999 596		529	
472	8.634 791	176	8.635 195	176	1.364 805	9.999 596	0	528	
473	8.634 967	176	8.635 371	176	1.364 629	9.999 595	1	527	
		175		176			0		
474	8.635 142		8.635 547		1.364 453	9.999 595		526	
475	8.635 317	175	8.635 723	176	1.364 277	9.999 595	0	525	
476	8.635 493	176	8.635 898	175	1.364 102	9.999 594	1	524	
		175		176			0		
477	8.635 668		8.636 074		1.363 926	9.999 594		523	
478	8.635 843	175	8.636 250	176	1.363 750	9.999 594	0	522	
479	8.636 018	175	8.636 425	175	1.363 575	9.999 593	1	521	
		175		175			0		
.480	8.636 193		8.636 600		1.363 400	9.999 593		**.520**	
		175		176			0		
481	8.636 368		8.636 776		1.363 224	9.999 593		519	
482	8.636 543	175	8.636 951	175	1.363 049	9.999 592	1	518	
483	8.636 718	175	8.637 126	175	1.362 874	9.999 592	0	517	
		175		175			0		
484	8.636 893		8.637 301		1.362 699	9.999 592		516	
485	8.637 068	175	8.637 476	175	1.362 524	9.999 591	1	515	
486	8.637 242	174	8.637 651	175	1.362 349	9.999 591	0	514	
		175		175			0		
487	8.637 417		8.637 826		1.362 174	9.999 591		513	
488	8.637 591	174	8.638 001	175	1.361 999	9.999 590	1	512	
489	8.637 766	175	8.638 176	175	1.361 824	9.999 590	0	511	
		174		174			0		
.490	8.637 940		8.638 350		1.361 650	9.999 590		**.510**	
		174		175			1		
491	8.638 114		8.638 525		1.361 475	9.999 589		509	
492	8.638 288	174	8.638 699	174	1.361 301	9.999 589	0	508	
493	8.638 463	175	8.638 874	175	1.361 126	9.999 589	0	507	
		174		174			1		
494	8.638 637		8.639 048		1.360 952	9.999 588		506	
495	8.638 811	174	8.639 223	175	1.360 777	9.999 588	0	505	
496	8.638 985	174	8.639 397	174	1.360 603	9.999 588	0	504	
		173		174			1		
497	8.639 158		8.639 571		1.360 429	9.999 587		503	
498	8.639 332	174	8.639 745	174	1.360 255	9.999 587	0	502	
499	8.639 506	174	8.639 919	174	1.360 081	9.999 587	0	501	
		174		174			1		
.500	8.639 680		8.640 093		1.359 907	9.999 586		**.500**	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	178
1	17.8
2	35.6
3	53.4
4	71.2
5	89.0
6	106.8
7	124.6
8	142.4
9	160.2

	177
1	17.7
2	35.4
3	53.1
4	70.8
5	88.5
6	106.2
7	123.9
8	141.6
9	159.3

	176	175
1	17.6	17.5
2	35.2	35.0
3	52.8	52.5
4	70.4	70.0
5	88.0	87.5
6	105.6	105.0
7	123.2	122.5
8	140.8	140.0
9	158.4	157.5

	174
1	17.4
2	34.8
3	52.2
4	69.6
5	87.0
6	104.4
7	121.8
8	139.2
9	156.6

	173
1	17.3
2	34.6
3	51.9
4	69.2
5	86.5
6	103.8
7	121.1
8	138.4
9	155.7

$87^\circ.550 - 87^\circ.500$

$2^\circ.500 - 2^\circ.550$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.639 680		8.640 093		1.359 907	9.999 586		**.500**	
		173		174			0		
501	8.639 853		8.640 267		1.359 733	9.999 586		499	
502	8.640 027	174	8.640 441	174	1.359 559	9.999 586	0	498	174
503	8.640 200	173	8.640 615	174	1.359 385	9.999 585	1	497	1 17.4
		173		173			0		2 34.8
504	8.640 373		8.640 788		1.359 212	9.999 585		496	3 52.2
505	8.640 547	174	8.640 962	174	1.359 038	9.999 585	0	495	4 69.6
506	8.640 720	173	8.641 135	173	1.358 865	9.999 584	1	494	5 87.0
		173		174			0		6 104.4
507	8.640 893		8.641 309		1.358 691	9.999 584		493	7 121.8
508	8.641 066	173	8.641 482	173	1.358 518	9.999 584	0	492	8 139.2
509	8.641 239	173	8.641 656	174	1.358 344	9.999 583	1	491	9 156.6
		173		173			0		
.510	8.641 412		8.641 829		1.358 171	9.999 583		**.490**	
		173		173			0		
511	8.641 585		8.642 002		1.357 998	9.999 583		489	173
512	8.641 758	173	8.642 175	173	1.357 825	9.999 582	1	488	1 17.3
513	8.641 931	173	8.642 348	173	1.357 652	9.999 582	0	487	2 34.6
		172		173			0		3 51.9
514	8.642 103		8.642 521		1.357 479	9.999 582		486	4 69.2
515	8.642 276	173	8.642 694	173	1.357 306	9.999 581	1	485	5 86.5
516	8.642 448	172	8.642 867	173	1.357 133	9.999 581	0	484	6 103.8
		173		173			0		7 121.1
517	8.642 621		8.643 040		1.356 960	9.999 581		483	8 138.4
518	8.642 793	172	8.643 213	173	1.356 787	9.999 580	1	482	9 155.7
519	8.642 966	173	8.643 385	172	1.356 615	9.999 580	0	481	
		172		173			0		
.520	8.643 138		8.643 558		1.356 442	9.999 580		**.480**	
		172		173			1		
521	8.643 310		8.643 731		1.356 269	9.999 579		479	172
522	8.643 482	172	8.643 903	172	1.356 097	9.999 579	0	478	1 17.2
523	8.643 654	172	8.644 075	172	1.355 925	9.999 579	0	477	2 34.4
		172		173			1		3 51.6
524	8.643 826		8.644 248		1.355 752	9.999 578		476	4 68.8
525	8.643 998	172	8.644 420	172	1.355 580	9.999 578	0	475	5 86.0
526	8.644 170	172	8.644 592	172	1.355 408	9.999 578	0	474	6 103.2
		172		172			1		7 120.4
527	8.644 342		8.644 764		1.355 236	9.999 577		473	8 137.6
528	8.644 514	172	8.644 936	172	1.355 064	9.999 577	0	472	9 154.8
529	8.644 685	171	8.645 108	172	1.354 892	9.999 577	0	471	
		172		172			1		
.530	8.644 857		8.645 280		1.354 720	9.999 576		**.470**	
		171		172			0		
531	8.645 028		8.645 452		1.354 548	9.999 576		469	171
532	8.645 200	172	8.645 624	172	1.354 376	9.999 576	0	468	1 17.1
533	8.645 371	171	8.645 796	172	1.354 204	9.999 575	1	467	2 34.2
		171		171			0		3 51.3
534	8.645 542		8.645 967		1.354 033	9.999 575		466	4 68.4
535	8.645 714	172	8.646 139	172	1.353 861	9.999 575	0	465	5 85.5
536	8.645 885	171	8.646 310	171	1.353 690	9.999 574	1	464	6 102.6
		171		172			0		7 119.7
537	8.646 056		8.646 482		1.353 518	9.999 574		463	8 136.8
538	8.646 227	171	8.646 653	171	1.353 347	9.999 574	0	462	9 153.9
539	8.646 398	171	8.646 824	171	1.353 176	9.999 573	1	461	
		171		172			0		
.540	8.646 569		8.646 996		1.353 004	9.999 573		**.460**	
		171		171			0		
541	8.646 740		8.647 167		1.352 833	9.999 573		459	170
542	8.646 910	170	8.647 338	171	1.352 662	9.999 572	1	458	1 17.0
543	8.647 081	171	8.647 509	171	1.352 491	9.999 572	0	457	2 34.0
		171		171			0		3 51.0
544	8.647 252		8.647 680		1.352 320	9.999 572		456	4 68.0
545	8.647 422	170	8.647 851	171	1.352 149	9.999 571	1	455	5 85.0
546	8.647 593	171	8.648 022	171	1.351 978	9.999 571	0	454	6 102.0
		170		171			0		7 119.0
547	8.647 763		8.648 193		1.351 807	9.999 571		453	8 136.0
548	8.647 934	171	8.648 363	170	1.351 637	9.999 570	1	452	9 153.0
549	8.648 104	170	8.648 534	171	1.351 466	9.999 570	0	451	
		170		170			0		
.550	8.648 274		8.648 704		1.351 296	9.999 570		**.450**	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

$87^\circ.500 - 87^\circ.450$

2°.550 — 2°.600

2°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.648 274		8.648 704		1.351 296	9.999 570		.450	
		170		171			1		
551	8.648 444		8.648 875		1.351 125	9.999 569		449	
		170		170			0		171
552	8.648 614		8.649 045		1.350 955	9.999 569		448	1 17.1
		170		171			0		2 34.2
553	8.648 784		8.649 216		1.350 784	9.999 569		447	3 51.3
		170		170			1		4 68.4
554	8.648 954		8.649 386		1.350 614	9.999 568		446	5 85.5
		170		170			0		6 102.6
555	8.649 124		8.649 556		1.350 444	9.999 568		445	7 119.7
		170		170			0		8 136.8
556	8.649 294		8.649 726		1.350 274	9.999 568		444	9 153.9
		170		171			1		
557	8.649 464		8.649 897		1.350 103	9.999 567		443	
		170		170			0		
558	8.649 634		8.650 067		1.349 933	9.999 567		442	
		169		170			0		
559	8.649 803		8.650 237		1.349 763	9.999 567		441	
		170		169			1		
.560	8.649 973		8.650 406		1.349 594	9.999 566		.440	
		169		170			0		
561	8.650 142		8.650 576		1.349 424	9.999 566		439	
		170		170			0		
562	8.650 312		8.650 746		1.349 254	9.999 566		438	
		169		170			1		
563	8.650 481		8.650 916		1.349 084	9.999 565		437	
		169		169			0		
564	8.650 650		8.651 085		1.348 915	9.999 565		436	
		170		170			0		
565	8.650 820		8.651 255		1.348 745	9.999 565		435	
		169		170			1		
566	8.650 989		8.651 425		1.348 575	9.999 564		434	
		169		169			0		
567	8.651 158		8.651 594		1.348 406	9.999 564		433	
		169		169			0		
568	8.651 327		8.651 763		1.348 237	9.999 564		432	
		169		170			1		
569	8.651 496		8.651 933		1.348 067	9.999 563		431	
		169		169			0		
.570	8.651 665		8.652 102		1.347 898	9.999 563		.430	
		169		169			0		
571	8.651 834		8.652 271		1.347 729	9.999 563		429	
		168		169			1		
572	8.652 002		8.652 440		1.347 560	9.999 562		428	
		169		169			0		
573	8.652 171		8.652 609		1.347 391	9.999 562		427	
		169		169			0		
574	8.652 340		8.652 778		1.347 222	9.999 562		426	
		168		169			1		
575	8.652 508		8.652 947		1.347 053	9.999 561		425	
		169		169			0		
576	8.652 677		8.653 116		1.346 884	9.999 561		424	
		168		169			0		
577	8.652 845		8.653 285		1.346 715	9.999 561		423	
		169		168			1		
578	8.653 014		8.653 453		1.346 547	9.999 560		422	
		168		169			0		
579	8.653 182		8.653 622		1.346 378	9.999 560		421	
		168		169			0		
.580	8.653 350		8.653 791		1.346 209	9.999 560		.420	
		168		168			1		
581	8.653 518		8.653 959		1.346 041	9.999 559		419	
		169		169			0		
582	8.653 687		8.654 128		1.345 872	9.999 559		418	
		168		168			0		
583	8.653 855		8.654 296		1.345 704	9.999 559		417	
		168		168			1		
584	8.654 023		8.654 464		1.345 536	9.999 558		416	
		168		169			0		
585	8.654 191		8.654 633		1.345 367	9.999 558		415	
		167		168			1		
586	8.654 358		8.654 801		1.345 199	9.999 557		414	
		168		168			0		
587	8.654 526		8.654 969		1.345 031	9.999 557		413	
		168		168			0		
588	8.654 694		8.655 137		1.344 863	9.999 557		412	
		168		168			1		
589	8.654 862		8.655 305		1.344 695	9.999 556		411	
		167		168			0		
.590	8.655 029		8.655 473		1.344 527	9.999 556		.410	
		168		168			0		
591	8.655 197		8.655 641		1.344 359	9.999 556		409	
		167		168			1		
592	8.655 364		8.655 809		1.344 191	9.999 555		408	
		168		168			0		
593	8.655 532		8.655 977		1.344 023	9.999 555		407	
		167		167			0		
594	8.655 699		8.656 144		1.343 856	9.999 555		406	
		167		168			1		
595	8.655 866		8.656 312		1.343 688	9.999 554		405	
		167		167			0		
596	8.656 033		8.656 479		1.343 521	9.999 554		404	
		168		168			0		
597	8.656 201		8.656 647		1.343 353	9.999 554		403	
		167		167			1		
598	8.656 368		8.656 814		1.343 186	9.999 553		402	
		167		168			0		
599	8.656 535		8.656 982		1.343 018	9.999 553		401	
		167		167			0		
.600	8.656 702		8.657 149		1.342 851	9.999 553		.400	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

87°.450 — 87°.400

2°.600 — 2°.650

2°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.656 702		8.657 149		1.342 851	9.999 553		**.400**	
		167		167			1		
601	8.656 869		8.657 316		1.342 684	9.999 552		399	
602	8.657 035	166	8.657 483	167	1.342 517	9.999 552	0	398	
603	8.657 202	167	8.657 650	167	1.342 350	9.999 552	0	397	
		167		168			1		
604	8.657 369		8.657 818		1.342 182	9.999 551		396	
605	8.657 535	166	8.657 984	166	1.342 016	9.999 551	0	395	
606	8.657 702	167	8.658 151	167	1.341 849	9.999 551	0	394	
		167		167			1		
607	8.657 869		8.658 318		1.341 682	9.999 550		393	
608	8.658 035	166	8.658 485	167	1.341 515	9.999 550	0	392	
609	8.658 201	166	8.658 652	167	1.341 348	9.999 550	0	391	
		167		166			1		
.610	8.658 368		8.658 818		1.341 182	9.999 549		**.390**	
		166		167			0		
611	8.658 534		8.658 985		1.341 015	9.999 549		389	
612	8.658 700	166	8.659 152	167	1.340 848	9.999 549	0	388	
613	8.658 866	166	8.659 318	166	1.340 682	9.999 548	1	387	
		166		166			0		
614	8.659 032		8.659 484		1.340 516	9.999 548		386	
615	8.659 198	166	8.659 651	167	1.340 349	9.999 548	0	385	
616	8.659 364	166	8.659 817	166	1.340 183	9.999 547	1	384	
		166		166			0		
617	8.659 530		8.659 983		1.340 017	9.999 547		383	
618	8.659 696	166	8.660 149	166	1.339 851	9.999 546	1	382	
619	8.659 862	166	8.660 315	166	1.339 685	9.999 546	0	381	
		165		167			0		
.620	8.660 027		8.660 482		1.339 518	9.999 546		**.380**	
		166		165			1		
621	8.660 193		8.660 647		1.339 353	9.999 545		379	
622	8.660 358	165	8.660 813	166	1.339 187	9.999 545	0	378	
623	8.660 524	166	8.660 979	166	1.339 021	9.999 545	0	377	
		165		166			1		
624	8.660 689		8.661 145		1.338 855	9.999 544		376	
625	8.660 855	166	8.661 311	166	1.338 689	9.999 544	0	375	
626	8.661 020	165	8.661 476	165	1.338 524	9.999 544	0	374	
		165		166			1		
627	8.661 185		8.661 642		1.338 358	9.999 543		373	
628	8.661 350	165	8.661 807	165	1.338 193	9.999 543	0	372	
629	8.661 516	166	8.661 973	166	1.338 027	9.999 543	0	371	
		165		165			1		
.630	8.661 681		8.662 138		1.337 862	9.999 542		**.370**	
		165		166			0		
631	8.661 846		8.662 304		1.337 696	9.999 542		369	
632	8.662 010	164	8.662 469	165	1.337 531	9.999 542	0	368	
633	8.662 175	165	8.662 634	165	1.337 366	9.999 541	1	367	
		165		165			0		
634	8.662 340		8.662 799		1.337 201	9.999 541		366	
635	8.662 505	165	8.662 964	165	1.337 036	9.999 541	0	365	
636	8.662 670	165	8.663 129	165	1.336 871	9.999 540	1	364	
		164		165			0		
637	8.662 834		8.663 294		1.336 706	9.999 540		363	
638	8.662 999	165	8.663 459	165	1.336 541	9.999 540	0	362	
639	8.663 163	164	8.663 624	165	1.336 376	9.999 539	1	361	
		165		165			0		
.640	8.663 328		8.663 789		1.336 211	9.999 539		**.360**	
		164		164			1		
641	8.663 492		8.663 953		1.336 047	9.999 538		359	
642	8.663 656	164	8.664 118	165	1.335 882	9.999 538	0	358	
643	8.663 820	164	8.664 283	165	1.335 717	9.999 538	0	357	
		165		164			1		
644	8.663 985		8.664 447		1.335 553	9.999 537		356	
645	8.664 149	164	8.664 612	165	1.335 388	9.999 537	0	355	
646	8.664 313	164	8.664 776	164	1.335 224	9.999 537	0	354	
		164		164			1		
647	8.664 477		8.664 940		1.335 060	9.999 536		353	
648	8.664 641	164	8.665 105	165	1.334 895	9.999 536	0	352	
649	8.664 805	164	8.665 269	164	1.334 731	9.999 536	0	351	
		163		164			1		
.650	8.664 968		8.665 433		1.334 567	9.999 535		**.350**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	168	167
1	16.8	16.7
2	33.6	33.4
3	50.4	50.1
4	67.2	66.8
5	84.0	83.5
6	100.8	100.2
7	117.6	116.9
8	134.4	133.6
9	151.2	150.3

	166
1	16.6
2	33.2
3	49.8
4	66.4
5	83.0
6	99.6
7	116.2
8	132.8
9	149.4

	165
1	16.5
2	33.0
3	49.5
4	66.0
5	82.5
6	99.0
7	115.5
8	132.0
9	148.5

	164
1	16.4
2	32.8
3	49.2
4	65.6
5	82.0
6	98.4
7	114.8
8	131.2
9	147.6

	163
1	16.3
2	32.6
3	48.9
4	65.2
5	81.5
6	97.8
7	114.1
8	130.4
9	146.7

87°.400 — 87°.350

$2^\circ.650 - 2^\circ.700$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.664 968		8.665 433		1.334 567	9.999 535		**.350**	
		164		164			0		
651	8.665 132		8.665 597		1.334 403	9.999 535		349	
652	8.665 296	164	8.665 761	164	1.334 239	9.999 535	0	348	164
653	8.665 459	163	8.665 925	164	1.334 075	9.999 534	1	347	1 16.4
		164		164			0		2 32.8
654	8.665 623		8.666 089		1.333 911	9.999 534		346	3 49.2
655	8.665 786	163	8.666 253	164	1.333 747	9.999 534	0	345	4 65.6
656	8.665 950	164	8.666 417	164	1.333 583	9.999 533	1	344	5 82.0
		163		163			0		6 98.4
657	8.666 113		8.666 580		1.333 420	9.999 533		343	7 114.8
658	8.666 277	164	8.666 744	164	1.333 256	9.999 533	0	342	8 131.2
659	8.666 440	163	8.666 908	164	1.333 092	9.999 532	1	341	9 147.6
		163		163			0		
.660	8.666 603		8.667 071		1.332 929	9.999 532		**.340**	
		163		164			1		
661	8.666 766		8.667 235		1.332 765	9.999 531		339	
662	8.666 929	163	8.667 398	163	1.332 602	9.999 531	0	338	163
663	8.667 092	163	8.667 561	163	1.332 439	9.999 531	0	337	1 16.3
		163		164			1		2 32.6
664	8.667 255		8.667 725		1.332 275	9.999 530		336	3 48.9
665	8.667 418	163	8.667 888	163	1.332 112	9.999 530	0	335	4 65.2
666	8.667 581	163	8.668 051	163	1.331 949	9.999 530	0	334	5 81.5
		163		163			1		6 97.8
667	8.667 744		8.668 214		1.331 786	9.999 529		333	7 114.1
668	8.667 906	162	8.668 377	163	1.331 623	9.999 529	0	332	8 130.4
669	8.668 069	163	8.668 540	163	1.331 460	9.999 529	0	331	9 146.7
		162		163			1		
.670	8.668 231		8.668 703		1.331 297	9.999 528		**.330**	
		163		163			0		
671	8.668 394		8.668 866		1.331 134	9.999 528		329	
672	8.668 556	162	8.669 029	163	1.330 971	9.999 528	0	328	162
673	8.668 719	163	8.669 192	163	1.330 808	9.999 527	1	327	1 16.2
		162		162			0		2 32.4
674	8.668 881		8.669 354		1.330 646	9.999 527		326	3 48.6
675	8.669 043	162	8.669 517	163	1.330 483	9.999 527	0	325	4 64.8
676	8.669 206	163	8.669 679	162	1.330 321	9.999 526	1	324	5 81.0
		162		163			0		6 97.2
677	8.669 368		8.669 842		1.330 158	9.999 526		323	7 113.4
678	8.669 530	162	8.670 004	162	1.329 996	9.999 525	1	322	8 129.6
679	8.669 692	162	8.670 167	163	1.329 833	9.999 525	0	321	9 145.8
		162		162			0		
.680	8.669 854		8.670 329		1.329 671	9.999 525		**.320**	
		162		162			1		
681	8.670 016		8.670 491		1.329 509	9.999 524		319	
682	8.670 178	162	8.670 654	163	1.329 346	9.999 524	0	318	161
683	8.670 339	161	8.670 816	162	1.329 184	9.999 524	0	317	1 16.1
		162		162			1		2 32.2
684	8.670 501		8.670 978		1.329 022	9.999 523		316	3 48.3
685	8.670 663	162	8.671 140	162	1.328 860	9.999 523	0	315	4 64.4
686	8.670 824	161	8.671 302	162	1.328 698	9.999 523	0	314	5 80.5
		162		162			1		6 96.6
687	8.670 986		8.671 464		1.328 536	9.999 522		313	7 112.7
688	8.671 147	161	8.671 625	161	1.328 375	9.999 522	0	312	8 128.8
689	8.671 309	162	8.671 787	162	1.328 213	9.999 522	0	311	9 144.9
		161		162			1		
.690	8.671 470		8.671 949		1.328 051	9.999 521		**.310**	
		161		162			0		
691	8.671 631		8.672 111		1.327 889	9.999 521		309	
692	8.671 793	162	8.672 272	161	1.327 728	9.999 520	1	308	160
693	8.671 954	161	8.672 434	162	1.327 566	9.999 520	0	307	1 16.0
		161		161			0		2 32.0
694	8.672 115		8.672 595		1.327 405	9.999 520		306	3 48.0
695	8.672 276	161	8.672 757	162	1.327 243	9.999 519	1	305	4 64.0
696	8.672 437	161	8.672 918	161	1.327 082	9.999 519	0	304	5 80.0
		161		161			0		6 96.0
697	8.672 598		8.673 079		1.326 921	9.999 519		303	7 112.0
698	8.672 759	161	8.673 240	161	1.326 760	9.999 518	1	302	8 128.0
699	8.672 920	161	8.673 402	162	1.326 598	9.999 518	0	301	9 144.0
		160		161			0		
.700	8.673 080		8.673 563		1.326 437	9.999 518		**.300**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

$87^\circ.350 - 87^\circ.300$

$2^\circ.700 - 2^\circ.750$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.673 080		8.673 563		1.326 437	9.999 518		**.300**	
		161		161			1		
701	8.673 241		8.673 724		1.326 276	9.999 517		299	
702	8.673 402	161	8.673 885	161	1.326 115	9.999 517	0	298	161
703	8.673 562	160	8.674 046	161	1.325 954	9.999 517	0	297	1 16.1
		161		161			1		2 32.2
704	8.673 723		8.674 207		1.325 793	9.999 516		296	3 48.3
705	8.673 883	160	8.674 367	160	1.325 633	9.999 516	0	295	4 64.4
706	8.674 044	161	8.674 528	161	1.325 472	9.999 515	1	294	5 80.5
		160		161			0		6 96.6
707	8.674 204		8.674 689		1.325 311	9.999 515		293	7 112.7
708	8.674 364	160	8.674 850	161	1.325 150	9.999 515	0	292	8 128.8
709	8.674 525	161	8.675 010	160	1.324 990	9.999 514	1	291	9 144.9
		160		161			0		
.710	8.674 685		8.675 171		1.324 829	9.999 514		**.290**	
		160		160			0		
711	8.674 845		8.675 331		1.324 669	9.999 514		289	160
712	8.675 005	160	8.675 492	161	1.324 508	9.999 513	1	288	
713	8.675 165	160	8.675 652	160	1.324 348	9.999 513	0	287	1 16.0
		160		160			0		2 32.0
714	8.675 325		8.675 812		1.324 188	9.999 513		286	3 48.0
715	8.675 485	160	8.675 972	160	1.324 028	9.999 512	1	285	4 64.0
716	8.675 644	159	8.676 133	161	1.323 867	9.999 512	0	284	5 80.0
		160		160			0		6 96.0
717	8.675 804		8.676 293		1.323 707	9.999 512		283	7 112.0
718	8.675 964	160	8.676 453	160	1.323 547	9.999 511	1	282	8 128.0
719	8.676 124	160	8.676 613	160	1.323 387	9.999 511	0	281	9 144.0
		159		160			1		
.720	8.676 283		8.676 773		1.323 227	9.999 510		**.280**	
		160		160			0		
721	8.676 443		8.676 933		1.323 067	9.999 510		279	159
722	8.676 602	159	8.677 092	159	1.322 908	9.999 510	0	278	
723	8.676 762	160	8.677 252	160	1.322 748	9.999 509	1	277	1 15.9
		159		160			0		2 31.8
724	8.676 921		8.677 412		1.322 588	9.999 509		276	3 47.7
725	8.677 080	159	8.677 572	160	1.322 428	9.999 509	0	275	4 63.6
726	8.677 239	159	8.677 731	159	1.322 269	9.999 508	1	274	5 79.5
		160		160			0		6 95.4
727	8.677 399		8.677 891		1.322 109	9.999 508		273	7 111.3
728	8.677 558	159	8.678 050	159	1.321 950	9.999 508	0	272	8 127.2
729	8.677 717	159	8.678 209	159	1.321 791	9.999 507	1	271	9 143.1
		159		160			0		
.730	8.677 876		8.678 369		1.321 631	9.999 507		**.270**	
		159		159			1		
731	8.678 035		8.678 528		1.321 472	9.999 506		269	158
732	8.678 193	158	8.678 687	159	1.321 313	9.999 506	0	268	
733	8.678 352	159	8.678 847	160	1.321 153	9.999 506	0	267	1 15.8
		159		159			1		2 31.6
734	8.678 511		8.679 006		1.320 994	9.999 505		266	3 47.4
735	8.678 670	159	8.679 165	159	1.320 835	9.999 505	0	265	4 63.2
736	8.678 828	158	8.679 324	159	1.320 676	9.999 505	0	264	5 79.0
		159		159			1		6 94.8
737	8.678 987		8.679 483		1.320 517	9.999 504		263	7 110.6
738	8.679 146	159	8.679 642	159	1.320 358	9.999 504	0	262	8 126.4
739	8.679 304	158	8.679 800	158	1.320 200	9.999 504	0	261	9 142.2
		158		159			1		
.740	8.679 462		8.679 959		1.320 041	9.999 503		**.260**	
		159		159			0		
741	8.679 621		8.680 118		1.319 882	9.999 503		259	157
742	8.679 779	158	8.680 277	159	1.319 723	9.999 502	1	258	
743	8.679 937	158	8.680 435	158	1.319 565	9.999 502	0	257	1 15.7
		158		159			0		2 31.4
744	8.680 095		8.680 594		1.319 406	9.999 502		256	3 47.1
745	8.680 254	159	8.680 752	158	1.319 248	9.999 501	1	255	4 62.8
746	8.680 412	158	8.680 911	159	1.319 089	9.999 501	0	254	5 78.5
		158		158			0		6 94.2
747	8.680 570		8.681 069		1.318 931	9.999 501		253	7 109.9
748	8.680 728	158	8.681 227	158	1.318 773	9.999 500	1	252	8 125.6
749	8.680 885	157	8.681 386	159	1.318 614	9.999 500	0	251	9 141.3
		158		158			0		
.750	8.681 043		8.681 544		1.318 456	9.999 500		**.250**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

$87^\circ.300 - 87^\circ.250$

2°.750 — 2°.800

2°	sin	d	tang	d	cotg	cos	d		P.P.
.750	8.681 043		8.681 544		1.318 456	9.999 500		**.250**	
		158		158			1		
751	8.681 201		8.681 702		1.318 298	9.999 499		249	
		158		158			0		
752	8.681 359		8.681 860		1.318 140	9.999 499		248	
		157		158			1		
753	8.681 516		8.682 018		1.317 982	9.999 498		247	
		158		158			0		158
754	8.681 674		8.682 176		1.317 824	9.999 498		246	
		158		158			0		1 15.8
755	8.681 832		8.682 334		1.317 666	9.999 498		245	2 31.6
		157		158			1		3 47.4
756	8.681 989		8.682 492		1.317 508	9.999 497		244	4 63.2
		158		158			0		5 79.0
757	8.682 147		8.682 650		1.317 350	9.999 497		243	6 94.8
		157		157			0		7 110.6
758	8.682 304		8.682 807		1.317 193	9.999 497		242	8 126.4
		157		158			1		9 142.2
759	8.682 461		8.682 965		1.317 035	9.999 496		241	
		157		158			0		
.760	8.682 618		8.683 123		1.316 877	9.999 496		**.240**	
		158		157			0		
761	8.682 776		8.683 280		1.316 720	9.999 496		239	
		157		158			1		
762	8.682 933		8.683 438		1.316 562	9.999 495		238	
		157		157			0		
763	8.683 090		8.683 595		1.316 405	9.999 495		237	
		157		157			1		
764	8.683 247		8.683 752		1.316 248	9.999 494		236	
		157		158			0		
765	8.683 404		8.683 910		1.316 090	9.999 494		235	
		157		157			0		157
766	8.683 561		8.684 067		1.315 933	9.999 494		234	
		157		157			1		1 15.7
767	8.683 718		8.684 224		1.315 776	9.999 493		233	2 31.4
		157		158			0		3 47.1
768	8.683 875		8.684 382		1.315 618	9.999 493		232	4 62.8
		156		157			0		5 78.5
769	8.684 031		8.684 539		1.315 461	9.999 493		231	6 94.2
		157		157			1		7 109.9
.770	8.684 188		8.684 696		1.315 304	9.999 492		**.230**	8 125.6
		157		157			0		9 141.3
771	8.684 345		8.684 853		1.315 147	9.999 492		229	
		156		157			0		
772	8.684 501		8.685 010		1.314 990	9.999 492		228	
		157		157			1		
773	8.684 658		8.685 167		1.314 833	9.999 491		227	
		156		156			0		
774	8.684 814		8.685 323		1.314 677	9.999 491		226	
		157		157			1		
775	8.684 971		8.685 480		1.314 520	9.999 490		225	
		156		157			0		
776	8.685 127		8.685 637		1.314 363	9.999 490		224	
		156		157			0		
777	8.685 283		8.685 794		1.314 206	9.999 490		223	156
		156		156			1		
778	8.685 439		8.685 950		1.314 050	9.999 489		222	1 15.6
		157		157			0		2 31.2
779	8.685 596		8.686 107		1.313 893	9.999 489		221	3 46.8
		156		156			0		4 62.4
.780	8.685 752		8.686 263		1.313 737	9.999 489		**.220**	5 78.0
		156		157			1		6 93.6
781	8.685 908		8.686 420		1.313 580	9.999 488		219	7 109.2
		156		156			0		8 124.8
782	8.686 064		8.686 576		1.313 424	9.999 488		218	9 140.4
		156		156			1		
783	8.686 220		8.686 732		1.313 268	9.999 487		217	
		156		157			0		
784	8.686 376		8.686 889		1.313 111	9.999 487		216	
		156		156			0		
785	8.686 532		8.687 045		1.312 955	9.999 487		215	
		155		156			1		
786	8.686 687		8.687 201		1.312 799	9.999 486		214	
		156		156			0		
787	8.686 843		8.687 357		1.312 643	9.999 486		213	
		156		156			0		
788	8.686 999		8.687 513		1.312 487	9.999 486		212	
		155		156			1		
789	8.687 154		8.687 669		1.312 331	9.999 485		211	155
		156		156			0		
.790	8.687 310		8.687 825		1.312 175	9.999 485		**.210**	1 15.5
		155		156			0		2 31.0
791	8.687 465		8.687 981		1.312 019	9.999 485		209	3 46.5
		156		156			1		4 62.0
792	8.687 621		8.688 137		1.311 863	9.999 484		208	5 77.5
		155		155			0		6 93.0
793	8.687 776		8.688 292		1.311 708	9.999 484		207	7 108.5
		156		156			1		8 124.0
794	8.687 932		8.688 448		1.311 552	9.999 483		206	9 139.5
		155		156			0		
795	8.688 087		8.688 604		1.311 396	9.999 483		205	
		155		155			0		
796	8.688 242		8.688 759		1.311 241	9.999 483		204	
		155		156			1		
797	8.688 397		8.688 915		1.311 085	9.999 482		203	
		155		156			0		
798	8.688 552		8.689 071		1.310 929	9.999 482		202	
		156		155			0		
799	8.688 708		8.689 226		1.310 774	9.999 482		201	
		155		155			1		
.800	8.688 863		8.689 381		1.310 619	9.999 481		**.200**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

87°.250 — 87°.200

$2^\circ.800 - 2^\circ.850$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.688 863		8.689 381		1.310 619	9.999 481		**.200**	
		154		156			0		
801	8.689 017		8.689 537		1.310 463	9.999 481		199	156
802	8.689 172	155	8.689 692	155	1.310 308	9.999 480	1	198	1 15.6
803	8.689 327	155	8.689 847	155	1.310 153	9.999 480	0	197	2 31.2
		155		155			0		3 46.8
804	8.689 482		8.690 002		1.309 998	9.999 480		196	4 62.4
805	8.689 637	155	8.690 157	155	1.309 843	9.999 479	1	195	5 78.0
806	8.689 791	154	8.690 312	155	1.309 688	9.999 479	0	194	6 93.6
		155		155			0		7 109.2
807	8.689 946		8.690 467		1.309 533	9.999 479		193	8 124.8
808	8.690 101	155	8.690 622	155	1.309 378	9.999 478	1	192	9 140.4
809	8.690 255	154	8.690 777	155	1.309 223	9.999 478	0	191	
		155		155			1		
.810	8.690 410		8.690 932		1.309 068	9.999 477		**.190**	
		154		155			0		
811	8.690 564		8.691 087		1.308 913	9.999 477		189	155
812	8.690 718	154	8.691 242	155	1.308 758	9.999 477	0	188	1 15.5
813	8.690 873	155	8.691 396	154	1.308 604	9.999 476	1	187	2 31.0
		154		155			0		3 46.5
814	8.691 027		8.691 551		1.308 449	9.999 476		186	4 62.0
815	8.691 181	154	8.691 705	154	1.308 295	9.999 476	0	185	5 77.5
816	8.691 335	154	8.691 860	155	1.308 140	9.999 475	1	184	6 93.0
		154		154			0		7 108.5
817	8.691 489		8.692 014		1.307 986	9.999 475		183	8 124.0
818	8.691 643	154	8.692 169	155	1.307 831	9.999 475	0	182	9 139.5
819	8.691 797	154	8.692 323	154	1.307 677	9.999 474	1	181	
		154		154			0		
.820	8.691 951		8.692 477		1.307 523	9.999 474		**.180**	
		154		155			1		
821	8.692 105		8.692 632		1.307 368	9.999 473		179	154
822	8.692 259	154	8.692 786	154	1.307 214	9.999 473	0	178	1 15.4
823	8.692 413	154	8.692 940	154	1.307 060	9.999 473	0	177	2 30.8
		153		154			1		3 46.2
824	8.692 566		8.693 094		1.306 906	9.999 472		176	4 61.6
825	8.692 720	154	8.693 248	154	1.306 752	9.999 472	0	175	5 77.0
826	8.692 873	153	8.693 402	154	1.306 598	9.999 472	0	174	6 92.4
		154		154			1		7 107.8
827	8.693 027		8.693 556		1.306 444	9.999 471		173	8 123.2
828	8.693 180	153	8.693 710	154	1.306 290	9.999 471	0	172	9 138.6
829	8.693 334	154	8.693 863	153	1.306 137	9.999 470	1	171	
		153		154			0		
.830	8.693 487		8.694 017		1.305 983	9.999 470		**.170**	
		154		154			0		
831	8.693 641		8.694 171		1.305 829	9.999 470		169	153
832	8.693 794	153	8.694 324	153	1.305 676	9.999 469	1	168	1 15.3
833	8.693 947	153	8.694 478	154	1.305 522	9.999 469	0	167	2 30.6
		153		154			0		3 45.9
834	8.694 100		8.694 632		1.305 368	9.999 469		166	4 61.2
835	8.694 253	153	8.694 785	153	1.305 215	9.999 468	1	165	5 76.5
836	8.694 406	153	8.694 938	153	1.305 062	9.999 468	0	164	6 91.8
		153		154			1		7 107.1
837	8.694 559		8.695 092		1.304 908	9.999 467		163	8 122.4
838	8.694 712	153	8.695 245	153	1.304 755	9.999 467	0	162	9 137.7
839	8.694 865	153	8.695 398	153	1.304 602	9.999 467	0	161	
		153		154			1		
.840	8.695 018		8.695 552		1.304 448	9.999 466		**.160**	
		153		153			0		
841	8.695 171		8.695 705		1.304 295	9.999 466		159	152
842	8.695 323	152	8.695 858	153	1.304 142	9.999 466	0	158	1 15.2
843	8.695 476	153	8.696 011	153	1.303 989	9.999 465	1	157	2 30.4
		153		153			0		3 45.6
844	8.695 629		8.696 164		1.303 836	9.999 465		156	4 60.8
845	8.695 781	152	8.696 317	153	1.303 683	9.999 464	1	155	5 76.0
846	8.695 934	153	8.696 470	153	1.303 530	9.999 464	0	154	6 91.2
		152		152			0		7 106.4
847	8.696 086		8.696 622		1.303 378	9.999 464		153	8 121.6
848	8.696 238	152	8.696 775	153	1.303 225	9.999 463	1	152	9 136.8
849	8.696 391	153	8.696 928	153	1.303 072	9.999 463	0	151	
		152		153			0		
.850	8.696 543		8.697 081		1.302 919	9.999 463		**.150**	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

$87^\circ.200 - 87^\circ.150$

$2^\circ.850 - 2^\circ.900$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.850	8.696 543		8.697 081		1.302 919	9.999 463		**.150**	
		152		152			1		
851	8.696 695		8.697 233		1.302 767	9.999 462		149	
852	8.696 848	153	8.697 386	153	1.302 614	9.999 462	0	148	153
853	8.697 000	152	8.697 538	152	1.302 462	9.999 461	1	147	1 15.3
		152		153			0		2 30.6
854	8.697 152		8.697 691		1.302 309	9.999 461		146	3 45.9
855	8.697 304	152	8.697 843	152	1.302 157	9.999 461	0	145	4 61.2
856	8.697 456	152	8.697 995	152	1.302 005	9.999 460	1	144	5 76.5
		152		153			0		6 91.8
857	8.697 608		8.698 148		1.301 852	9.999 460		143	7 107.1
858	8.697 759	151	8.698 300	152	1.301 700	9.999 459	1	142	8 122.4
859	8.697 911	152	8.698 452	152	1.301 548	9.999 459	0	141	9 137.7
		152		152			0		
.860	8.698 063		8.698 604		1.301 396	9.999 459		**.140**	
		152		152			1		
861	8.698 215		8.698 756		1.301 244	9.999 458		139	
862	8.698 366	151	8.698 908	152	1.301 092	9.999 458	0	138	152
863	8.698 518	152	8.699 060	152	1.300 940	9.999 458	0	137	1 15.2
		152		152			1		2 30.4
864	8.698 670		8.699 212		1.300 788	9.999 457		136	3 45.6
865	8.698 821	151	8.699 364	152	1.300 636	9.999 457	0	135	4 60.8
866	8.698 972	151	8.699 516	152	1.300 484	9.999 456	1	134	5 76.0
		152		152			0		6 91.2
867	8.699 124		8.699 668		1.300 332	9.999 456		133	7 106.4
868	8.699 275	151	8.699 819	151	1.300 181	9.999 456	0	132	8 121.6
869	8.699 426	151	8.699 971	152	1.300 029	9.999 455	1	131	9 136.8
		152		152			0		
.870	8.699 578		8.700 123		1.299 877	9.999 455		**.130**	
		151		151			0		
871	8.699 729		8.700 274		1.299 726	9.999 455		129	151
872	8.699 880	151	8.700 426	152	1.299 574	9.999 454	1	128	
873	8.700 031	151	8.700 577	151	1.299 423	9.999 454	0	127	1 15.1
		151		152			1		2 30.2
874	8.700 182		8.700 729		1.299 271	9.999 453		126	3 45.3
875	8.700 333	151	8.700 880	151	1.299 120	9.999 453	0	125	4 60.4
876	8.700 484	151	8.701 031	151	1.298 969	9.999 453	0	124	5 75.5
		151		151			1		6 90.6
877	8.700 635		8.701 182		1.298 818	9.999 452		123	7 105.7
878	8.700 786	151	8.701 334	152	1.298 666	9.999 452	0	122	8 120.8
879	8.700 936	150	8.701 485	151	1.298 515	9.999 452	0	121	9 135.9
		151		151			1		
.880	8.701 087		8.701 636		1.298 364	9.999 451		**.120**	
		151		151			0		
881	8.701 238		8.701 787		1.298 213	9.999 451		119	150
882	8.701 388	150	8.701 938	151	1.298 062	9.999 450	1	118	
883	8.701 539	151	8.702 089	151	1.297 911	9.999 450	0	117	1 15.0
		150		151			0		2 30.0
884	8.701 689		8.702 240		1.297 760	9.999 450		116	3 45.0
885	8.701 840	151	8.702 390	150	1.297 610	9.999 449	1	115	4 60.0
886	8.701 990	150	8.702 541	151	1.297 459	9.999 449	0	114	5 75.0
		150		151			1		6 90.0
887	8.702 140		8.702 692		1.297 308	9.999 448		113	7 105.0
888	8.702 291	151	8.702 843	151	1.297 157	9.999 448	0	112	8 120.0
889	8.702 441	150	8.702 993	150	1.297 007	9.999 448	0	111	9 135.0
		150		151			1		
.890	8.702 591		8.703 144		1.296 856	9.999 447		**.110**	
		150		150			0		
891	8.702 741		8.703 294		1.296 706	9.999 447		109	149
892	8.702 891	150	8.703 445	151	1.296 555	9.999 447	0	108	
893	8.703 041	150	8.703 595	150	1.296 405	9.999 446	1	107	1 14.9
		150		150			0		2 29.8
894	8.703 191		8.703 745		1.296 255	9.999 446		106	3 44.7
895	8.703 341	150	8.703 896	151	1.296 104	9.999 445	1	105	4 59.6
896	8.703 491	150	8.704 046	150	1.295 954	9.999 445	0	104	5 74.5
		150		150			0		6 89.4
897	8.703 641		8.704 196		1.295 804	9.999 445		103	7 104.3
898	8.703 791	150	8.704 346	150	1.295 654	9.999 444	1	102	8 119.2
899	8.703 940	149	8.704 496	150	1.295 504	9.999 444	0	101	9 134.1
		150		150			1		
.900	8.704 090		8.704 646		1.295 354	9.999 443		**.100**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

$87^\circ.150 - 87^\circ.100$

$2^\circ.900 - 2^\circ.950$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.900	8.704 090		8.704 646		1.295 354	9.999 443		**.100**	
		150		150			0		
901	8.704 240		8.704 796		1.295 204	9.999 443		099	
902	8.704 389	149	8.704 946	150	1.295 054	9.999 443	0	098	
903	8.704 539	150	8.705 096	150	1.294 904	9.999 442	1	097	
		149		150			0		150
904	8.704 688		8.705 246		1.294 754	9.999 442		096	1 15.0
905	8.704 837	149	8.705 396	150	1.294 604	9.999 442	0	095	2 30.0
906	8.704 987	150	8.705 546	150	1.294 454	9.999 441	1	094	3 45.0
		149		149			0		4 60.0
907	8.705 136		8.705 695		1.294 305	9.999 441		093	5 75.0
908	8.705 285	149	8.705 845	150	1.294 155	9.999 440	1	092	6 90.0
909	8.705 434	149	8.705 994	149	1.294 006	9.999 440	0	091	7 105.0
		150		150			0		8 120.0
.910	8.705 584		8.706 144		1.293 856	9.999 440		**.090**	9 135.0
		149		149			1		
911	8.705 733		8.706 293		1.293 707	9.999 439		089	
912	8.705 882	149	8.706 443	150	1.293 557	9.999 439	0	088	
913	8.706 031	149	8.706 592	149	1.293 408	9.999 438	1	087	
		149		150			0		
914	8.706 180		8.706 742		1.293 258	9.999 438		086	
915	8.706 329	149	8.706 891	149	1.293 109	9.999 438	0	085	
916	8.706 477	148	8.707 040	149	1.292 960	9.999 437	1	084	149
		149		149			0		1 14.9
917	8.706 626		8.707 189		1.292 811	9.999 437		083	2 29.8
918	8.706 775	149	8.707 338	149	1.292 662	9.999 437	0	082	3 44.7
919	8.706 924	149	8.707 487	149	1.292 513	9.999 436	1	081	4 59.6
		148		149			0		5 74.5
.920	8.707 072		8.707 636		1.292 364	9.999 436		**.080**	6 89.4
		149		149			1		7 104.3
921	8.707 221		8.707 785		1.292 215	9.999 435		079	8 119.2
922	8.707 369	148	8.707 934	149	1.292 066	9.999 435	0	078	9 134.1
923	8.707 518	149	8.708 083	149	1.291 917	9.999 435	0	077	
		148		149			1		
924	8.707 666		8.708 232		1.291 768	9.999 434		076	
925	8.707 815	149	8.708 381	149	1.291 619	9.999 434	0	075	
926	8.707 963	148	8.708 529	148	1.291 471	9.999 433	1	074	
		148		149			0		148
927	8.708 111		8.708 678		1.291 322	9.999 433		073	1 14.8
928	8.708 259	148	8.708 827	149	1.291 173	9.999 433	0	072	2 29.6
929	8.708 408	149	8.708 975	148	1.291 025	9.999 432	1	071	3 44.4
		148		149			0		4 59.2
.930	8.708 556		8.709 124		1.290 876	9.999 432		**.070**	5 74.0
		148		148			0		6 88.8
931	8.708 704		8.709 272		1.290 728	9.999 432		069	7 103.6
932	8.708 852	148	8.709 421	149	1.290 579	9.999 431	1	068	8 118.4
933	8.709 000	148	8.709 569	148	1.290 431	9.999 431	0	067	9 133.2
		148		148			1		
934	8.709 148		8.709 717		1.290 283	9.999 430		066	
935	8.709 296	148	8.709 866	149	1.290 134	9.999 430	0	065	
936	8.709 443	147	8.710 014	148	1.289 986	9.999 430	0	064	
		148		148			1		147
937	8.709 591		8.710 162		1.289 838	9.999 429		063	1 14.7
938	8.709 739	148	8.710 310	148	1.289 690	9.999 429	0	062	2 29.4
939	8.709 886	147	8.710 458	148	1.289 542	9.999 428	1	061	3 44.1
		148		148			0		4 58.8
.940	8.710 034		8.710 606		1.289 394	9.999 428		**.060**	5 73.5
		148		148			0		6 88.2
941	8.710 182		8.710 754		1.289 246	9.999 428		059	7 102.9
942	8.710 329	147	8.710 902	148	1.289 098	9.999 427	1	058	8 117.6
943	8.710 477	148	8.711 050	148	1.288 950	9.999 427	0	057	9 132.3
		147		148			1		
944	8.710 624		8.711 198		1.288 802	9.999 426		056	
945	8.710 771	147	8.711 345	147	1.288 655	9.999 426	0	055	
946	8.710 919	148	8.711 493	148	1.288 507	9.999 426	0	054	
		147		148			1		
947	8.711 066		8.711 641		1.288 359	9.999 425		053	
948	8.711 213	147	8.711 788	147	1.288 212	9.999 425	0	052	
949	8.711 360	147	8.711 936	148	1.288 064	9.999 424	1	051	
		147		147			0		
.950	8.711 507		8.712 083		1.287 917	9.999 424		**.050**	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

$87^\circ.100 - 87^\circ.050$

$2^\circ.950 - 3^\circ.000$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.950	8.711 507		8.712 083		1.287 917	9.999 424		**.050**	
		148		148			0		
951	8.711 655		8.712 231		1.287 769	9.999 424		049	148
952	8.711 802	147	8.712 378	147	1.287 622	9.999 423	1	048	1 14.8
953	8.711 949	147	8.712 526	148	1.287 474	9.999 423	0	047	2 29.6
		146		147			0		3 44.4
954	8.712 095		8.712 673		1.287 327	9.999 423		046	4 59.2
955	8.712 242	147	8.712 820	147	1.287 180	9.999 422	1	045	5 74.0
956	8.712 389	147	8.712 967	147	1.287 033	9.999 422	0	044	6 88.8
		147		148			1		7 103.6
957	8.712 536		8.713 115		1.286 885	9.999 421		043	8 118.4
958	8.712 683	147	8.713 262	147	1.286 738	9.999 421	0	042	9 133.2
959	8.712 829	146	8.713 409	147	1.286 591	9.999 421	0	041	
		147		147			1		
.960	8.712 976		8.713 556		1.286 444	9.999 420		**.040**	
		146		147			0		
961	8.713 122		8.713 703		1.286 297	9.999 420		039	147
962	8.713 269	147	8.713 850	147	1.286 150	9.999 419	1	038	1 14.7
963	8.713 415	146	8.713 996	146	1.286 004	9.999 419	0	037	2 29.4
		147		147			0		3 44.1
964	8.713 562		8.714 143		1.285 857	9.999 419		036	4 58.8
965	8.713 708	146	8.714 290	147	1.285 710	9.999 418	1	035	5 73.5
966	8.713 855	147	8.714 437	147	1.285 563	9.999 418	0	034	6 88.2
		146		146			1		7 102.9
967	8.714 001		8.714 583		1.285 417	9.999 417		033	8 117.6
968	8.714 147	146	8.714 730	147	1.285 270	9.999 417	0	032	9 132.3
969	8.714 293	146	8.714 877	147	1.285 123	9.999 417	0	031	
		146		146			1		
.970	8.714 439		8.715 023		1.284 977	9.999 416		**.030**	
		146		147			0		
971	8.714 585		8.715 170		1.284 830	9.999 416		029	146
972	8.714 731	146	8.715 316	146	1.284 684	9.999 415	1	028	1 14.6
973	8.714 877	146	8.715 462	146	1.284 538	9.999 415	0	027	2 29.2
		146		147			0		3 43.8
974	8.715 023		8.715 609		1.284 391	9.999 415		026	4 58.4
975	8.715 169	146	8.715 755	146	1.284 245	9.999 414	1	025	5 73.0
976	8.715 315	146	8.715 901	146	1.284 099	9.999 414	0	024	6 87.6
		146		146			0		7 102.2
977	8.715 461		8.716 047		1.283 953	9.999 414		023	8 116.8
978	8.715 607	146	8.716 193	146	1.283 807	9.999 413	1	022	9 131.4
979	8.715 752	145	8.716 339	146	1.283 661	9.999 413	0	021	
		146		146			1		
.980	8.715 898		8.716 485		1.283 515	9.999 412		**.020**	
		145		146			0		
981	8.716 043		8.716 631		1.283 369	9.999 412		019	145
982	8.716 189	146	8.716 777	146	1.283 223	9.999 412	0	018	1 14.5
983	8.716 334	145	8.716 923	146	1.283 077	9.999 411	1	017	2 29.0
		146		146			0		3 43.5
984	8.716 480		8.717 069		1.282 931	9.999 411		016	4 58.0
985	8.716 625	145	8.717 215	146	1.282 785	9.999 410	1	015	5 72.5
986	8.716 771	146	8.717 361	146	1.282 639	9.999 410	0	014	6 87.0
		145		145			0		7 101.5
987	8.716 916		8.717 506		1.282 494	9.999 410		013	8 116.0
988	8.717 061	145	8.717 652	146	1.282 348	9.999 409	1	012	9 130.5
989	8.717 206	145	8.717 798	146	1.282 202	9.999 409	0	011	
		145		145			1		
.990	8.717 351		8.717 943		1.282 057	9.999 408		**.010**	
		146		146			0		
991	8.717 497		8.718 089		1.281 911	9.999 408		009	144
992	8.717 642	145	8.718 234	145	1.281 766	9.999 408	0	008	1 14.4
993	8.717 787	145	8.718 379	145	1.281 621	9.999 407	1	007	2 28.8
		144		146			0		3 43.2
994	8.717 931		8.718 525		1.281 475	9.999 407		006	4 57.6
995	8.718 076	145	8.718 670	145	1.281 330	9.999 406	1	005	5 72.0
996	8.718 221	145	8.718 815	145	1.281 185	9.999 406	0	004	6 86.4
		145		145			0		7 100.8
997	8.718 366		8.718 960		1.281 040	9.999 406		003	8 115.2
998	8.718 511	145	8.719 106	146	1.280 894	9.999 405	1	002	9 129.6
999	8.718 656	145	8.719 251	145	1.280 749	9.999 405	0	001	
		144		145			1		
***000**	8.718 800		8.719 396		1.280 604	9.999 404		**.000**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

$87^\circ.050 - 87^\circ.000$

3°.000 — 3°.050

3°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.718 800		8.719 396		1.280 604	9.999 404		*000	
		145		145			0		
001	8.718 945		8.719 541		1.280 459	9.999 404		999	
002	8.719 089	144	8.719 686	145	1.280 314	9.999 404	0	998	
003	8.719 234	145	8.719 831	145	1.280 169	9.999 403	1	997	
		144		144			0		145
004	8.719 378		8.719 975		1.280 025	9.999 403		996	1 14.5
005	8.719 523	145	8.720 120	145	1.279 880	9.999 402	1	995	2 29.0
006	8.719 667	144	8.720 265	145	1.279 735	9.999 402	0	994	3 43.5
		144		145			0		4 58.0
007	8.719 811		8.720 410		1.279 590	9.999 402		993	5 72.5
008	8.719 956	145	8.720 554	144	1.279 446	9.999 401	1	992	6 87.0
009	8.720 100	144	8.720 699	145	1.279 301	9.999 401	0	991	7 101.5
		144		145			1		8 116.0
.010	8.720 244		8.720 844		1.279 156	9.999 400		.990	9 130.5
		144		144			0		
011	8.720 388		8.720 988		1.279 012	9.999 400		989	
012	8.720 532	144	8.721 133	145	1.278 867	9.999 400	0	988	
013	8.720 676	144	8.721 277	144	1.278 723	9.999 399	1	987	
		144		144			0		
014	8.720 820		8.721 421		1.278 579	9.999 399		986	
015	8.720 964	144	8.721 566	145	1.278 434	9.999 398	1	985	144
016	8.721 108	144	8.721 710	144	1.278 290	9.999 398	0	984	
		144		144			0		1 14.4
017	8.721 252		8.721 854		1.278 146	9.999 398		983	2 28.8
018	8.721 396	144	8.721 999	145	1.278 001	9.999 397	1	982	3 43.2
019	8.721 539	143	8.722 143	144	1.277 857	9.999 397	0	981	4 57.6
		144		144			1		5 72.0
.020	8.721 683		8.722 287		1.277 713	9.999 396		.980	6 86.4
		144		144			0		7 100.8
021	8.721 827		8.722 431		1.277 569	9.999 396		979	8 115.2
022	8.721 970	143	8.722 575	144	1.277 425	9.999 396	0	978	9 129.6
023	8.722 114	144	8.722 719	144	1.277 281	9.999 395	1	977	
		144		144			0		
024	8.722 258		8.722 863		1.277 137	9.999 395		976	
025	8.722 401	143	8.723 007	144	1.276 993	9.999 394	1	975	
026	8.722 544	143	8.723 150	143	1.276 850	9.999 394	0	974	
		144		144			0		
027	8.722 688		8.723 294		1.276 706	9.999 394		973	143
028	8.722 831	143	8.723 438	144	1.276 562	9.999 393	1	972	
029	8.722 974	143	8.723 581	143	1.276 419	9.999 393	0	971	1 14.3
		144		144			1		2 28.6
.030	8.723 118		8.723 725		1.276 275	9.999 392		.970	3 42.9
		143		144			0		4 57.2
031	8.723 261		8.723 869		1.276 131	9.999 392		969	5 71.5
032	8.723 404	143	8.724 012	143	1.275 988	9.999 392	0	968	6 85.8
033	8.723 547	143	8.724 156	144	1.275 844	9.999 391	1	967	7 100.1
		143		143			0		8 114.4
034	8.723 690		8.724 299		1.275 701	9.999 391		966	9 128.7
035	8.723 833	143	8.724 443	144	1.275 557	9.999 390	1	965	
036	8.723 976	143	8.724 586	143	1.275 414	9.999 390	0	964	
		143		143			0		
037	8.724 119		8.724 729		1.275 271	9.999 390		963	
038	8.724 262	143	8.724 872	143	1.275 128	9.999 389	1	962	
039	8.724 404	142	8.725 016	144	1.274 984	9.999 389	0	961	142
		143		143			1		
.040	8.724 547		8.725 159		1.274 841	9.999 388		.960	1 14.2
		143		143			0		2 28.4
041	8.724 690		8.725 302		1.274 698	9.999 388		959	3 42.6
042	8.724 833	143	8.725 445	143	1.274 555	9.999 388	0	958	4 56.8
043	8.724 975	142	8.725 588	143	1.274 412	9.999 387	1	957	5 71.0
		143		143			0		6 85.2
044	8.725 118		8.725 731		1.274 269	9.999 387		956	7 99.4
045	8.725 260	142	8.725 874	143	1.274 126	9.999 386	1	955	8 113.6
046	8.725 403	143	8.726 017	143	1.273 983	9.999 386	0	954	9 127.8
		142		143			0		
047	8.725 545		8.726 160		1.273 840	9.999 386		953	
048	8.725 687	142	8.726 302	142	1.273 698	9.999 385	1	952	
049	8.725 830	143	8.726 445	143	1.273 555	9.999 385	0	951	
		142		143			1		
.050	8.725 972		8.726 588		1.273 412	9.999 384		.950	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

87°.000 — 86°.950

$3^\circ.050 - 3^\circ.100$

3°	sin	d	tang	d	cotg	cos	d		P.P.
.050	8.725 972		8.726 588		1.273 412	9.999 384		.950	
		142		142			0		
051	8.726 114		8.726 730		1.273 270	9.999 384		949	
052	8.726 256	142	8.726 873	143	1.273 127	9.999 384	0	948	
053	8.726 399	143	8.727 015	142	1.272 985	9.999 383	1	947	
		142		143			0		
054	8.726 541		8.727 158		1.272 842	9.999 383		946	
055	8.726 683	142	8.727 300	142	1.272 700	9.999 382	1	945	
056	8.726 825	142	8.727 443	143	1.272 557	9.999 382	0	944	
		142		142			0		
057	8.726 967		8.727 585		1.272 415	9.999 382		943	
058	8.727 109	142	8.727 727	142	1.272 273	9.999 381	1	942	
059	8.727 251	142	8.727 870	143	1.272 130	9.999 381	0	941	
		141		142			1		
.060	8.727 392		8.728 012		1.271 988	9.999 380		.940	
		142		142			0		
061	8.727 534		8.728 154		1.271 846	9.999 380		939	
062	8.727 676	142	8.728 296	142	1.271 704	9.999 380	0	938	
063	8.727 817	141	8.728 438	142	1.271 562	9.999 379	1	937	
		142		142			0		
064	8.727 959		8.728 580		1.271 420	9.999 379		936	
065	8.728 101	142	8.728 722	142	1.271 278	9.999 378	1	935	
066	8.728 242	141	8.728 864	142	1.271 136	9.999 378	0	934	
		142		142			1		
067	8.728 384		8.729 006		1.270 994	9.999 377		933	
068	8.728 525	141	8.729 148	142	1.270 852	9.999 377	0	932	
069	8.728 667	142	8.729 290	142	1.270 710	9.999 377	0	931	
		141		142			1		
.070	8.728 808		8.729 432		1.270 568	9.999 376		.930	
		141		141			0		
071	8.728 949		8.729 573		1.270 427	9.999 376		929	
072	8.729 090	141	8.729 715	142	1.270 285	9.999 375	1	928	
073	8.729 232	142	8.729 857	142	1.270 143	9.999 375	0	927	
		141		141			0		
074	8.729 373		8.729 998		1.270 002	9.999 375		926	
075	8.729 514	141	8.730 140	142	1.269 860	9.999 374	1	925	
076	8.729 655	141	8.730 281	141	1.269 719	9.999 374	0	924	
		141		142			1		
077	8.729 796		8.730 423		1.269 577	9.999 373		923	
078	8.729 937	141	8.730 564	141	1.269 436	9.999 373	0	922	
079	8.730 078	141	8.730 705	141	1.269 295	9.999 373	0	921	
		141		142			1		
.080	8.730 219		8.730 847		1.269 153	9.999 372		.920	
		141		141			0		
081	8.730 360		8.730 988		1.269 012	9.999 372		919	
082	8.730 501	141	8.731 129	141	1.268 871	9.999 371	1	918	
083	8.730 641	140	8.731 270	141	1.268 730	9.999 371	0	917	
		141		141			0		
084	8.730 782		8.731 411		1.268 589	9.999 371		916	
085	8.730 923	141	8.731 553	142	1.268 447	9.999 370	1	915	
086	8.731 063	140	8.731 694	141	1.268 306	9.999 370	0	914	
		141		141			1		
087	8.731 204		8.731 835		1.268 165	9.999 369		913	
088	8.731 344	140	8.731 975	140	1.268 025	9.999 369	0	912	
089	8.731 485	141	8.732 116	141	1.267 884	9.999 369	0	911	
		140		141			1		
.090	8.731 625		8.732 257		1.267 743	9.999 368		.910	
		141		141			0		
091	8.731 766		8.732 398		1.267 602	9.999 368		909	
092	8.731 906	140	8.732 539	141	1.267 461	9.999 367	1	908	
093	8.732 046	140	8.732 679	140	1.267 321	9.999 367	0	907	
		141		141			1		
094	8.732 187		8.732 820		1.267 180	9.999 366		906	
095	8.732 327	140	8.732 961	141	1.267 039	9.999 366	0	905	
096	8.732 467	140	8.733 101	140	1.266 899	9.999 366	0	904	
		140		141			1		
097	8.732 607		8.733 242		1.266 758	9.999 365		903	
098	8.732 747	140	8.733 382	140	1.266 618	9.999 365	0	902	
099	8.732 887	140	8.733 523	141	1.266 477	9.999 364	1	901	
		140		140			0		
.100	8.733 027		8.733 663		1.266 337	9.999 364		.900	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

	143
1	14.3
2	28.6
3	42.9
4	57.2
5	71.5
6	85.8
7	100.1
8	114.4
9	128.7

	142
1	14.2
2	28.4
3	42.6
4	56.8
5	71.0
6	85.2
7	99.4
8	113.6
9	127.8

	141
1	14.1
2	28.2
3	42.3
4	56.4
5	70.5
6	84.6
7	98.7
8	112.8
9	126.9

	140
1	14.0
2	28.0
3	42.0
4	56.0
5	70.0
6	84.0
7	98.0
8	112.0
9	126.0

$86^\circ.950 - 86^\circ.900$

3°.100 — 3°.150

3°	sin	d	tang	d	cotg	cos	d		P.P.
.100	8.733 027		8.733 663		1.266 337	9.999 364		.900	
		140		140			0		
101	8.733 167		8.733 803		1.266 197	9.999 364		899	
102	8.733 307	140	8.733 944	141	1.266 056	9.999 363	1	898	141
103	8.733 447	140	8.734 084	140	1.265 916	9.999 363	0	897	1 14.1
		140		140			1		2 28.2
104	8.733 587		8.734 224		1.265 776	9.999 362		896	3 42.3
105	8.733 726	139	8.734 364	140	1.265 636	9.999 362	0	895	4 56.4
106	8.733 866	140	8.734 505	141	1.265 495	9.999 362	0	894	5 70.5
		140		140			1		6 84.6
107	8.734 006		8.734 645		1.265 355	9.999 361		893	7 98.7
108	8.734 145	139	8.734 785	140	1.265 215	9.999 361	0	892	8 112.8
109	8.734 285	140	8.734 925	140	1.265 075	9.999 360	1	891	9 126.9
		139		140			0		
.110	8.734 424		8.735 065		1.264 935	9.999 360		.890	
		140		139			1		
111	8.734 564		8.735 204		1.264 796	9.999 359		889	140
112	8.734 703	139	8.735 344	140	1.264 656	9.999 359	0	888	1 14.0
113	8.734 843	140	8.735 484	140	1.264 516	9.999 359	0	887	2 28.0
		139		140			1		3 42.0
114	8.734 982		8.735 624		1.264 376	9.999 358		886	4 56.0
115	8.735 121	139	8.735 764	140	1.264 236	9.999 358	0	885	5 70.0
116	8.735 261	140	8.735 903	139	1.264 097	9.999 357	1	884	6 84.0
		139		140			0		7 98.0
117	8.735 400		8.736 043		1.263 957	9.999 357		883	8 112.0
118	8.735 539	139	8.736 182	139	1.263 818	9.999 357	0	882	9 126.0
119	8.735 678	139	8.736 322	140	1.263 678	9.999 356	1	881	
		139		140			0		
.120	8.735 817		8.736 462		1.263 538	9.999 356		.880	
		139		139			1		
121	8.735 956		8.736 601		1.263 399	9.999 355		879	139
122	8.736 095	139	8.736 740	139	1.263 260	9.999 355	0	878	1 13.9
123	8.736 234	139	8.736 880	140	1.263 120	9.999 355	0	877	2 27.8
		139		139			1		3 41.7
124	8.736 373		8.737 019		1.262 981	9.999 354		876	4 55.6
125	8.736 512	139	8.737 158	139	1.262 842	9.999 354	0	875	5 69.5
126	8.736 651	139	8.737 298	140	1.262 702	9.999 353	1	874	6 83.4
		139		139			0		7 97.3
127	8.736 790		8.737 437		1.262 563	9.999 353		873	8 111.2
128	8.736 928	138	8.737 576	139	1.262 424	9.999 352	1	872	9 125.1
129	8.737 067	139	8.737 715	139	1.262 285	9.999 352	0	871	
		139		139			0		
.130	8.737 206		8.737 854		1.262 146	9.999 352		.870	
		138		139			1		
131	8.737 344		8.737 993		1.262 007	9.999 351		869	138
132	8.737 483	139	8.738 132	139	1.261 868	9.999 351	0	868	1 13.8
133	8.737 621	138	8.738 271	139	1.261 729	9.999 350	1	867	2 27.6
		139		139			0		3 41.4
134	8.737 760		8.738 410		1.261 590	9.999 350		866	4 55.2
135	8.737 898	138	8.738 549	139	1.261 451	9.999 350	0	865	5 69.0
136	8.738 037	139	8.738 687	138	1.261 313	9.999 349	1	864	6 82.8
		138		139			0		7 96.6
137	8.738 175		8.738 826		1.261 174	9.999 349		863	8 110.4
138	8.738 313	138	8.738 965	139	1.261 035	9.999 348	1	862	9 124.2
139	8.738 451	138	8.739 103	138	1.260 897	9.999 348	0	861	
		139		139			1		
.140	8.738 590		8.739 242		1.260 758	9.999 347		.860	
		138		139			0		
141	8.738 728		8.739 381		1.260 619	9.999 347		859	137
142	8.738 866	138	8.739 519	138	1.260 481	9.999 347	0	858	1 13.7
143	8.739 004	138	8.739 658	139	1.260 342	9.999 346	1	857	2 27.4
		138		138			0		3 41.1
144	8.739 142		8.739 796		1.260 204	9.999 346		856	4 54.8
145	8.739 280	138	8.739 934	138	1.260 066	9.999 345	1	855	5 68.5
146	8.739 418	138	8.740 073	139	1.259 927	9.999 345	0	854	6 82.2
		138		138			0		7 95.9
147	8.739 556		8.740 211		1.259 789	9.999 345		853	8 109.6
148	8.739 694	138	8.740 349	138	1.259 651	9.999 344	1	852	9 123.3
149	8.739 831	137	8.740 488	139	1.259 512	9.999 344	0	851	
		138		138			1		
.150	8.739 969		8.740 626		1.259 374	9.999 343		.850	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

86°.900 — 86°.850

3°.150 — 3°.200

3°	sin	d	tang	d	cotg	cos	d		P.P.
.150	8.739 969		8.740 626		1.259 374	9.999 343		**.850**	
		138		138			0		
151	8.740 107		8.740 764		1.259 236	9.999 343		849	
152	8.740 244	137	8.740 902	138	1.259 098	9.999 342	1	848	
153	8.740 382	138	8.741 040	138	1.258 960	9.999 342	0	847	
		138		138			0		138
154	8.740 520		8.741 178		1.258 822	9.999 342		846	1 13.8
155	8.740 657	137	8.741 316	138	1.258 684	9.999 341	1	845	2 27.6
156	8.740 795	138	8.741 454	138	1.258 546	9.999 341	0	844	3 41.4
		137		138			1		4 55.2
157	8.740 932		8.741 592		1.258 408	9.999 340		843	5 69.0
158	8.741 070	138	8.741 730	138	1.258 270	9.999 340	0	842	6 82.8
159	8.741 207	137	8.741 867	137	1.258 133	9.999 340	0	841	7 96.6
		137		138			1		8 110.4
.160	8.741 344		8.742 005		1.257 995	9.999 339		**.840**	9 124.2
		138		138			0		
161	8.741 482		8.742 143		1.257 857	9.999 339		839	
162	8.741 619	137	8.742 280	137	1.257 720	9.999 338	1	838	
163	8.741 756	137	8.742 418	138	1.257 582	9.999 338	0	837	
		137		138			1		
164	8.741 893		8.742 556		1.257 444	9.999 337		836	
165	8.742 030	137	8.742 693	137	1.257 307	9.999 337	0	835	
166	8.742 167	137	8.742 831	138	1.257 169	9.999 337	0	834	137
		137		137			1		1 13.7
167	8.742 304		8.742 968		1.257 032	9.999 336		833	2 27.4
168	8.742 441	137	8.743 105	137	1.256 895	9.999 336	0	832	3 41.1
169	8.742 578	137	8.743 243	138	1.256 757	9.999 335	1	831	4 54.8
		137		137			0		5 68.5
.170	8.742 715		8.743 380		1.256 620	9.999 335		**.830**	6 82.2
		137		137			0		7 95.9
171	8.742 852		8.743 517		1.256 483	9.999 335		829	8 109.6
172	8.742 989	137	8.743 655	138	1.256 345	9.999 334	1	828	9 123.3
173	8.743 125	136	8.743 792	137	1.256 208	9.999 334	0	827	
		137		137			1		
174	8.743 262		8.743 929		1.256 071	9.999 333		826	
175	8.743 399	137	8.744 066	137	1.255 934	9.999 333	0	825	
176	8.743 535	136	8.744 203	137	1.255 797	9.999 332	1	824	
		137		137			0		136
177	8.743 672		8.744 340		1.255 660	9.999 332		823	1 13.6
178	8.743 809	137	8.744 477	137	1.255 523	9.999 332	0	822	2 27.2
179	8.743 945	136	8.744 614	137	1.255 386	9.999 331	1	821	3 40.8
		136		137			0		4 54.4
.180	8.744 081		8.744 751		1.255 249	9.999 331		**.820**	5 68.0
		137		137			1		6 81.6
181	8.744 218		8.744 888		1.255 112	9.999 330		819	7 95.2
182	8.744 354	136	8.745 024	136	1.254 976	9.999 330	0	818	8 108.8
183	8.744 491	137	8.745 161	137	1.254 839	9.999 329	1	817	9 122.4
		136		137			0		
184	8.744 627		8.745 298		1.254 702	9.999 329		816	
185	8.744 763	136	8.745 434	136	1.254 566	9.999 329	0	815	
186	8.744 899	136	8.745 571	137	1.254 429	9.999 328	1	814	
		136		137			0		
187	8.745 035		8.745 708		1.254 292	9.999 328		813	
188	8.745 172	137	8.745 844	136	1.254 156	9.999 327	1	812	
189	8.745 308	136	8.745 981	137	1.254 019	9.999 327	0	811	135
		136		136			0		
.190	8.745 444		8.746 117		1.253 883	9.999 327		**.810**	1 13.5
		136		137			1		2 27.0
191	8.745 580		8.746 254		1.253 746	9.999 326		809	3 40.5
192	8.745 716	136	8.746 390	136	1.253 610	9.999 326	0	808	4 54.0
193	8.745 851	135	8.746 526	136	1.253 474	9.999 325	1	807	5 67.5
		136		136			0		6 81.0
194	8.745 987		8.746 662		1.253 338	9.999 325		806	7 94.5
195	8.746 123	136	8.746 799	137	1.253 201	9.999 324	1	805	8 108.0
196	8.746 259	136	8.746 935	136	1.253 065	9.999 324	0	804	9 121.5
		136		136			0		
197	8.746 395		8.747 071		1.252 929	9.999 324		803	
198	8.746 530	135	8.747 207	136	1.252 793	9.999 323	1	802	
199	8.746 666	136	8.747 343	136	1.252 657	9.999 323	0	801	
		136		136			1		
.200	8.746 802		8.747 479		1.252 521	9.999 322		**.800**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

86°.850 — 86°.800

3°.200 — 3°.250

3°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.746 802		8.747 479		1.252 521	9.999 322		**.800**	
		135		136			0		
201	8.746 937		8.747 615		1.252 385	9.999 322		799	
		136		136			1		
202	8.747 073		8.747 751		1.252 249	9.999 321		798	
		135		136			0		
203	8.747 208		8.747 887		1.252 113	9.999 321		797	
		136		136			0		
204	8.747 344		8.748 023		1.251 977	9.999 321		796	
		135		136			1		
205	8.747 479		8.748 159		1.251 841	9.999 320		795	
		135		135			0		
206	8.747 614		8.748 294		1.251 706	9.999 320		794	
		136		136			1		
207	8.747 750		8.748 430		1.251 570	9.999 319		793	
		135		136			0		
208	8.747 885		8.748 566		1.251 434	9.999 319		792	
		135		136			1		
209	8.748 020		8.748 702		1.251 298	9.999 318		791	
		135		135			0		
.210	8.748 155		8.748 837		1.251 163	9.999 318		**.790**	
		135		136			0		
211	8.748 290		8.748 973		1.251 027	9.999 318		789	
		135		135			1		
212	8.748 425		8.749 108		1.250 892	9.999 317		788	
		135		136			0		
213	8.748 560		8.749 244		1.250 756	9.999 317		787	
		135		135			1		
214	8.748 695		8.749 379		1.250 621	9.999 316		786	
		135		135			0		
215	8.748 830		8.749 514		1.250 486	9.999 316		785	
		135		136			0		
216	8.748 965		8.749 650		1.250 350	9.999 316		784	
		135		135			1		
217	8.749 100		8.749 785		1.250 215	9.999 315		783	
		135		135			0		
218	8.749 235		8.749 920		1.250 080	9.999 315		782	
		135		136			1		
219	8.749 370		8.750 056		1.249 944	9.999 314		781	
		135		135			0		
.220	8.749 505		8.750 191		1.249 809	9.999 314		**.780**	
		134		135			1		
221	8.749 639		8.750 326		1.249 674	9.999 313		779	
		135		135			0		
222	8.749 774		8.750 461		1.249 539	9.999 313		778	
		135		135			0		
223	8.749 909		8.750 596		1.249 404	9.999 313		777	
		134		135			1		
224	8.750 043		8.750 731		1.249 269	9.999 312		776	
		135		135			0		
225	8.750 178		8.750 866		1.249 134	9.999 312		775	
		134		135			1		
226	8.750 312		8.751 001		1.248 999	9.999 311		774	
		135		135			0		
227	8.750 447		8.751 136		1.248 864	9.999 311		773	
		134		135			1		
228	8.750 581		8.751 271		1.248 729	9.999 310		772	
		134		135			0		
229	8.750 715		8.751 406		1.248 594	9.999 310		771	
		135		134			0		
.230	8.750 850		8.751 540		1.248 460	9.999 310		**.770**	
		134		135			1		
231	8.750 984		8.751 675		1.248 325	9.999 309		769	
		134		135			0		
232	8.751 118		8.751 810		1.248 190	9.999 309		768	
		135		134			1		
233	8.751 253		8.751 944		1.248 056	9.999 308		767	
		134		135			0		
234	8.751 387		8.752 079		1.247 921	9.999 308		766	
		134		134			1		
235	8.751 521		8.752 213		1.247 787	9.999 307		765	
		134		135			0		
236	8.751 655		8.752 348		1.247 652	9.999 307		764	
		134		134			0		
237	8.751 789		8.752 482		1.247 518	9.999 307		763	
		134		135			1		
238	8.751 923		8.752 617		1.247 383	9.999 306		762	
		134		134			0		
239	8.752 057		8.752 751		1.247 249	9.999 306		761	
		134		135			1		
.240	8.752 191		8.752 886		1.247 114	9.999 305		**.760**	
		134		134			0		
241	8.752 325		8.753 020		1.246 980	9.999 305		759	
		134		134			1		
242	8.752 459		8.753 154		1.246 846	9.999 304		758	
		133		134			0		
243	8.752 592		8.753 288		1.246 712	9.999 304		757	
		134		135			0		
244	8.752 726		8.753 423		1.246 577	9.999 304		756	
		134		134			1		
245	8.752 860		8.753 557		1.246 443	9.999 303		755	
		134		134			0		
246	8.752 994		8.753 691		1.246 309	9.999 303		754	
		133		134			1		
247	8.753 127		8.753 825		1.246 175	9.999 302		753	
		134		134			0		
248	8.753 261		8.753 959		1.246 041	9.999 302		752	
		133		134			1		
249	8.753 394		8.754 093		1.245 907	9.999 301		751	
		134		134			0		
.250	8.753 528		8.754 227		1.245 773	9.999 301		**.750**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

	136
1	13.6
2	27.2
3	40.8
4	54.4
5	68.0
6	81.6
7	95.2
8	108.8
9	122.4

	135
1	13.5
2	27.0
3	40.5
4	54.0
5	67.5
6	81.0
7	94.5
8	108.0
9	121.5

	134
1	13.4
2	26.8
3	40.2
4	53.6
5	67.0
6	80.4
7	93.8
8	107.2
9	120.6

	133
1	13.3
2	26.6
3	39.9
4	53.2
5	66.5
6	79.8
7	93.1
8	106.4
9	119.7

86°.800 — 86°.750

3°.250 — 3°.300

3°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.753 528		8.754 227		1.245 773	9.999 301		**.750**	
		133		134			0		
251	8.753 661		8.754 361		1.245 639	9.999 301		749	
252	8.753 795	134	8.754 495	134	1.245 505	9.999 300	1	748	
253	8.753 928	133	8.754 628	133	1.245 372	9.999 300	0	747	
		133		134			1		134
254	8.754 061		8.754 762		1.245 238	9.999 299		746	1 13.4
255	8.754 195	134	8.754 896	134	1.245 104	9.999 299	0	745	2 26.8
256	8.754 328	133	8.755 030	134	1.244 970	9.999 298	1	744	3 40.2
		133		133			0		4 53.6
257	8.754 461		8.755 163		1.244 837	9.999 298		743	5 67.0
258	8.754 594	133	8.755 297	134	1.244 703	9.999 298	0	742	6 80.4
259	8.754 728	134	8.755 430	133	1.244 570	9.999 297	1	741	7 93.8
		133		134			0		8 107.2
.260	8.754 861		8.755 564		1.244 436	9.999 297		**.740**	9 120.6
		133		133			1		
261	8.754 994		8.755 697		1.244 303	9.999 296		739	
262	8.755 127	133	8.755 831	134	1.244 169	9.999 296	0	738	
263	8.755 260	133	8.755 964	133	1.244 036	9.999 295	1	737	
		133		134			0		
264	8.755 393		8.756 098		1.243 902	9.999 295		736	
265	8.755 525	132	8.756 231	133	1.243 769	9.999 294	1	735	
266	8.755 658	133	8.756 364	133	1.243 636	9.999 294	0	734	
		133		134			0		133
267	8.755 791		8.756 498		1.243 502	9.999 294		733	1 13.3
268	8.755 924	133	8.756 631	133	1.243 369	9.999 293	1	732	2 26.6
269	8.756 057	133	8.756 764	133	1.243 236	9.999 293	0	731	3 39.9
		132		133			1		4 53.2
.270	8.756 189		8.756 897		1.243 103	9.999 292		**.730**	5 66.5
		133		133			0		6 79.8
271	8.756 322		8.757 030		1.242 970	9.999 292		729	7 93.1
272	8.756 455	133	8.757 163	133	1.242 837	9.999 291	1	728	8 106.4
273	8.756 587	132	8.757 296	133	1.242 704	9.999 291	0	727	9 119.7
		133		133			0		
274	8.756 720		8.757 429		1.242 571	9.999 291		726	
275	8.756 852	132	8.757 562	133	1.242 438	9.999 290	1	725	
276	8.756 985	133	8.757 695	133	1.242 305	9.999 290	0	724	
		132		133			1		
277	8.757 117		8.757 828		1.242 172	9.999 289		723	132
278	8.757 249	132	8.757 961	133	1.242 039	9.999 289	0	722	
279	8.757 382	133	8.758 093	132	1.241 907	9.999 288	1	721	1 13.2
		132		133			0		2 26.4
.280	8.757 514		8.758 226		1.241 774	9.999 288		**.720**	3 39.6
		132		133			0		4 52.8
281	8.757 646		8.758 359		1.241 641	9.999 288		719	5 66.0
282	8.757 778	132	8.758 491	132	1.241 509	9.999 287	1	718	6 79.2
283	8.757 911	133	8.758 624	133	1.241 376	9.999 287	0	717	7 92.4
		132		132			1		8 105.6
284	8.758 043		8.758 756		1.241 244	9.999 286		716	9 118.8
285	8.758 175	132	8.758 889	133	1.241 111	9.999 286	0	715	
286	8.758 307	132	8.759 021	132	1.240 979	9.999 285	1	714	
		132		133			0		
287	8.758 439		8.759 154		1.240 846	9.999 285		713	
288	8.758 571	132	8.759 286	132	1.240 714	9.999 284	1	712	
289	8.758 703	132	8.759 419	133	1.240 581	9.999 284	0	711	131
		132		132			0		
.290	8.758 835		8.759 551		1.240 449	9.999 284		**.710**	1 13.1
		131		132			1		2 26.2
291	8.758 966		8.759 683		1.240 317	9.999 283		709	3 39.3
292	8.759 098	132	8.759 815	132	1.240 185	9.999 283	0	708	4 52.4
293	8.759 230	132	8.759 948	133	1.240 052	9.999 282	1	707	5 65.5
		132		132			0		6 78.6
294	8.759 362		8.760 080		1.239 920	9.999 282		706	7 91.7
295	8.759 493	131	8.760 212	132	1.239 788	9.999 281	1	705	8 104.8
296	8.759 625	132	8.760 344	132	1.239 656	9.999 281	0	704	9 117.9
		132		132			0		
297	8.759 757		8.760 476		1.239 524	9.999 281		703	
298	8.759 888	131	8.760 608	132	1.239 392	9.999 280	1	702	
299	8.760 020	132	8.760 740	132	1.239 260	9.999 280	0	701	
		131		132			1		
.300	8.760 151		8.760 872		1.239 128	9.999 279		**.700**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

86°.750 — 86°.700

$3^\circ.300 - 3^\circ.350$

3°	sin	d	tang	d	cotg	cos	d		P.P.
.300	8.760 151		8.760 872		1.239 128	9.999 279		.700	
		132		132			0		
301	8.760 283		8.761 004		1.238 996	9.999 279		699	
		131		132			1		
302	8.760 414		8.761 136		1.238 864	9.999 278		698	
		131		131			0		
303	8.760 545		8.761 267		1.238 733	9.999 278		697	
		132		132			0		
304	8.760 677		8.761 399		1.238 601	9.999 278		696	
		131		132			1		
305	8.760 808		8.761 531		1.238 469	9.999 277		695	
		131		132			0		
306	8.760 939		8.761 663		1.238 337	9.999 277		694	
		131		131			1		
307	8.761 070		8.761 794		1.238 206	9.999 276		693	
		132		132			0		
308	8.761 202		8.761 926		1.238 074	9.999 276		692	
		131		131			1		
309	8.761 333		8.762 057		1.237 943	9.999 275		691	
		131		132			0		
.310	8.761 464		8.762 189		1.237 811	9.999 275		.690	
		131		131			1		
311	8.761 595		8.762 320		1.237 680	9.999 274		689	
		131		132			0		
312	8.761 726		8.762 452		1.237 548	9.999 274		688	
		131		131			0		
313	8.761 857		8.762 583		1.237 417	9.999 274		687	
		131		132			1		
314	8.761 988		8.762 715		1.237 285	9.999 273		686	
		131		131			0		
315	8.762 119		8.762 846		1.237 154	9.999 273		685	
		130		131			1		
316	8.762 249		8.762 977		1.237 023	9.999 272		684	
		131		131			0		
317	8.762 380		8.763 108		1.236 892	9.999 272		683	
		131		132			1		
318	8.762 511		8.763 240		1.236 760	9.999 271		682	
		131		131			0		
319	8.762 642		8.763 371		1.236 629	9.999 271		681	
		130		131			1		
.320	8.762 772		8.763 502		1.236 498	9.999 270		.680	
		131		131			0		
321	8.762 903		8.763 633		1.236 367	9.999 270		679	
		131		131			0		
322	8.763 034		8.763 764		1.236 236	9.999 270		678	
		130		131			1		
323	8.763 164		8.763 895		1.236 105	9.999 269		677	
		131		131			0		
324	8.763 295		8.764 026		1.235 974	9.999 269		676	
		130		131			1		
325	8.763 425		8.764 157		1.235 843	9.999 268		675	
		131		131			0		
326	8.763 556		8.764 288		1.235 712	9.999 268		674	
		130		131			1		
327	8.763 686		8.764 419		1.235 581	9.999 267		673	
		130		130			0		
328	8.763 816		8.764 549		1.235 451	9.999 267		672	
		131		131			0		
329	8.763 947		8.764 680		1.235 320	9.999 267		671	
		130		131			1		
.330	8.764 077		8.764 811		1.235 189	9.999 266		.670	
		130		131			0		
331	8.764 207		8.764 942		1.235 058	9.999 266		669	
		131		130			1		
332	8.764 338		8.765 072		1.234 928	9.999 265		668	
		130		131			0		
333	8.764 468		8.765 203		1.234 797	9.999 265		667	
		130		131			1		
334	8.764 598		8.765 334		1.234 666	9.999 264		666	
		130		130			0		
335	8.764 728		8.765 464		1.234 536	9.999 264		665	
		130		131			1		
336	8.764 858		8.765 595		1.234 405	9.999 263		664	
		130		130			0		
337	8.764 988		8.765 725		1.234 275	9.999 263		663	
		130		130			0		
338	8.765 118		8.765 855		1.234 145	9.999 263		662	
		130		131			1		
339	8.765 248		8.765 986		1.234 014	9.999 262		661	
		130		130			0		
.340	8.765 378		8.766 116		1.233 884	9.999 262		.660	
		130		130			1		
341	8.765 508		8.766 246		1.233 754	9.999 261		659	
		130		131			0		
342	8.765 638		8.766 377		1.233 623	9.999 261		658	
		129		130			1		
343	8.765 767		8.766 507		1.233 493	9.999 260		657	
		130		130			0		
344	8.765 897		8.766 637		1.233 363	9.999 260		656	
		130		130			1		
345	8.766 027		8.766 767		1.233 233	9.999 259		655	
		129		130			0		
346	8.766 156		8.766 897		1.233 103	9.999 259		654	
		130		130			0		
347	8.766 286		8.767 027		1.232 973	9.999 259		653	
		130		131			1		
348	8.766 416		8.767 158		1.232 842	9.999 258		652	
		129		130			0		
349	8.766 545		8.767 288		1.232 712	9.999 258		651	
		130		129			1		
.350	8.766 675		8.767 417		1.232 583	9.999 257		.650	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

	132
1	13.2
2	26.4
3	39.6
4	52.8
5	66.0
6	79.2
7	92.4
8	105.6
9	118.8

	131
1	13.1
2	26.2
3	39.3
4	52.4
5	65.5
6	78.6
7	91.7
8	104.8
9	117.9

	130
1	13.0
2	26.0
3	39.0
4	52.0
5	65.0
6	78.0
7	91.0
8	104.0
9	117.0

	129
1	12.9
2	25.8
3	38.7
4	51.6
5	64.5
6	77.4
7	90.3
8	103.2
9	116.1

$86^\circ.700 - 86^\circ.650$

$3^\circ.350 - 3^\circ.400$

3°	sin	d	tang	d	cotg	cos	d		P.P.
.350	8.766 675		8.767 417		1.232 583	9.999 257		.650	
		129		130			0		
351	8.766 804		8.767 547		1.232 453	9.999 257		649	
		130		130			1		
352	8.766 934		8.767 677		1.232 323	9.999 256		648	
		129		130			0		
353	8.767 063		8.767 807		1.232 193	9.999 256		647	
		129		130			1		
354	8.767 192		8.767 937		1.232 063	9.999 255		646	
		130		130			0		
355	8.767 322		8.768 067		1.231 933	9.999 255		645	
		129		129			0		
356	8.767 451		8.768 196		1.231 804	9.999 255		644	
		129		130			1		
357	8.767 580		8.768 326		1.231 674	9.999 254		643	
		129		130			0		
358	8.767 709		8.768 456		1.231 544	9.999 254		642	
		130		129			1		
359	8.767 839		8.768 585		1.231 415	9.999 253		641	
		129		130			0		
.360	8.767 968		8.768 715		1.231 285	9.999 253		.640	
		129		129			1		
361	8.768 097		8.768 844		1.231 156	9.999 252		639	
		129		130			0		
362	8.768 226		8.768 974		1.231 026	9.999 252		638	
		129		129			1		
363	8.768 355		8.769 103		1.230 897	9.999 251		637	
		129		130			0		
364	8.768 484		8.769 233		1.230 767	9.999 251		636	
		129		129			0		
365	8.768 613		8.769 362		1.230 638	9.999 251		635	
		129		130			1		
366	8.768 742		8.769 492		1.230 508	9.999 250		634	
		128		129			0		
367	8.768 870		8.769 621		1.230 379	9.999 250		633	
		129		129			1		
368	8.768 999		8.769 750		1.230 250	9.999 249		632	
		129		129			0		
369	8.769 128		8.769 879		1.230 121	9.999 249		631	
		129		129			1		
.370	8.769 257		8.770 008		1.229 992	9.999 248		.630	
		129		130			0		
371	8.769 386		8.770 138		1.229 862	9.999 248		629	
		128		129			1		
372	8.769 514		8.770 267		1.229 733	9.999 247		628	
		129		129			0		
373	8.769 643		8.770 396		1.229 604	9.999 247		627	
		128		129			0		
374	8.769 771		8.770 525		1.229 475	9.999 247		626	
		129		129			1		
375	8.769 900		8.770 654		1.229 346	9.999 246		625	
		128		129			0		
376	8.770 028		8.770 783		1.229 217	9.999 246		624	
		129		129			1		
377	8.770 157		8.770 912		1.229 088	9.999 245		623	
		128		129			0		
378	8.770 285		8.771 041		1.228 959	9.999 245		622	
		129		128			1		
379	8.770 414		8.771 169		1.228 831	9.999 244		621	
		128		129			0		
.380	8.770 542		8.771 298		1.228 702	9.999 244		.620	
		128		129			1		
381	8.770 670		8.771 427		1.228 573	9.999 243		619	
		129		129			0		
382	8.770 799		8.771 556		1.228 444	9.999 243		618	
		128		128			0		
383	8.770 927		8.771 684		1.228 316	9.999 243		617	
		128		129			1		
384	8.771 055		8.771 813		1.228 187	9.999 242		616	
		128		129			0		
385	8.771 183		8.771 942		1.228 058	9.999 242		615	
		129		128			1		
386	8.771 312		8.772 070		1.227 930	9.999 241		614	
		128		129			0		
387	8.771 440		8.772 199		1.227 801	9.999 241		613	
		128		128			1		
388	8.771 568		8.772 327		1.227 673	9.999 240		612	
		128		129			0		
389	8.771 696		8.772 456		1.227 544	9.999 240		611	
		128		128			1		
.390	8.771 824		8.772 584		1.227 416	9.999 239		.610	
		128		129			0		
391	8.771 952		8.772 713		1.227 287	9.999 239		609	
		127		128			1		
392	8.772 079		8.772 841		1.227 159	9.999 238		608	
		128		128			0		
393	8.772 207		8.772 969		1.227 031	9.999 238		607	
		128		129			0		
394	8.772 335		8.773 098		1.226 902	9.999 238		606	
		128		128			1		
395	8.772 463		8.773 226		1.226 774	9.999 237		605	
		128		128			0		
396	8.772 591		8.773 354		1.226 646	9.999 237		604	
		127		128			1		
397	8.772 718		8.773 482		1.226 518	9.999 236		603	
		128		128			0		
398	8.772 846		8.773 610		1.226 390	9.999 236		602	
		128		128			1		
399	8.772 974		8.773 738		1.226 262	9.999 235		601	
		127		128			0		
.400	8.773 101		8.773 866		1.226 134	9.999 235		.600	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

	130
1	13.0
2	26.0
3	39.0
4	52.0
5	65.0
6	78.0
7	91.0
8	104.0
9	117.0

	129
1	12.9
2	25.8
3	38.7
4	51.6
5	64.5
6	77.4
7	90.3
8	103.2
9	116.1

	128
1	12.8
2	25.6
3	38.4
4	51.2
5	64.0
6	76.8
7	89.6
8	102.4
9	115.2

	127
1	12.7
2	25.4
3	38.1
4	50.8
5	63.5
6	76.2
7	88.9
8	101.6
9	114.3

$86^\circ.650 - 86^\circ.600$

$3^\circ.400 - 3^\circ.450$

3°	sin	d	tang	d	cotg	cos	d		P.P.
.400	8.773 101		8.773 866		1.226 134	9.999 235		**.600**	
		128		128			1		
401	8.773 229		8.773 994		1.226 006	9.999 234		599	
402	8.773 356	127	8.774 122	128	1.225 878	9.999 234	0	598	
403	8.773 484	128	8.774 250	128	1.225 750	9.999 234	0	597	
		127		128			1		128
404	8.773 611		8.774 378		1.225 622	9.999 233		596	1 12.8
405	8.773 739	128	8.774 506	128	1.225 494	9.999 233	0	595	2 25.6
406	8.773 866	127	8.774 634	128	1.225 366	9.999 232	1	594	3 38.4
		128		128			0		4 51.2
407	8.773 994		8.774 762		1.225 238	9.999 232		593	5 64.0
408	8.774 121	127	8.774 890	128	1.225 110	9.999 231	1	592	6 76.8
409	8.774 248	127	8.775 017	127	1.224 983	9.999 231	0	591	7 89.6
		127		128			1		8 102.4
.410	8.774 375		8.775 145		1.224 855	9.999 230		**.590**	9 115.2
		128		128			0		
411	8.774 503		8.775 273		1.224 727	9.999 230		589	
412	8.774 630	127	8.775 400	127	1.224 600	9.999 229	1	588	
413	8.774 757	127	8.775 528	128	1.224 472	9.999 229	0	587	
		127		127			0		
414	8.774 884		8.775 655		1.224 345	9.999 229		586	
415	8.775 011	127	8.775 783	128	1.224 217	9.999 228	1	585	
416	8.775 138	127	8.775 910	127	1.224 090	9.999 228	0	584	127
		127		128			1		
417	8.775 265		8.776 038		1.223 962	9.999 227		583	1 12.7
418	8.775 392	127	8.776 165	127	1.223 835	9.999 227	0	582	2 25.4
419	8.775 519	127	8.776 292	127	1.223 708	9.999 226	1	581	3 38.1
		127		128			0		4 50.8
.420	8.775 646		8.776 420		1.223 580	9.999 226		**.580**	5 63.5
		126		127			1		6 76.2
421	8.775 772		8.776 547		1.223 453	9.999 225		579	7 88.9
422	8.775 899	127	8.776 674	127	1.223 326	9.999 225	0	578	8 101.6
423	8.776 026	127	8.776 801	127	1.223 199	9.999 225	0	577	9 114.3
		127		128			1		
424	8.776 153		8.776 929		1.223 071	9.999 224		576	
425	8.776 279	126	8.777 056	127	1.222 944	9.999 224	0	575	
426	8.776 406	127	8.777 183	127	1.222 817	9.999 223	1	574	
		126		127			0		
427	8.776 532		8.777 310		1.222 690	9.999 223		573	126
428	8.776 659	127	8.777 437	127	1.222 563	9.999 222	1	572	
429	8.776 786	127	8.777 564	127	1.222 436	9.999 222	0	571	1 12.6
		126		127			1		2 25.2
.430	8.776 912		8.777 691		1.222 309	9.999 221		**.570**	3 37.8
		126		127			0		4 50.4
431	8.777 038		8.777 818		1.222 182	9.999 221		569	5 63.0
432	8.777 165	127	8.777 944	126	1.222 056	9.999 220	1	568	6 75.6
433	8.777 291	126	8.778 071	127	1.221 929	9.999 220	0	567	7 88.2
		127		127			0		8 100.8
434	8.777 418		8.778 198		1.221 802	9.999 220		566	9 113.4
435	8.777 544	126	8.778 325	127	1.221 675	9.999 219	1	565	
436	8.777 670	126	8.778 452	127	1.221 548	9.999 219	0	564	
		126		126			1		
437	8.777 796		8.778 578		1.221 422	9.999 218		563	
438	8.777 923	127	8.778 705	127	1.221 295	9.999 218	0	562	
439	8.778 049	126	8.778 832	127	1.221 168	9.999 217	1	561	125
		126		126			0		
.440	8.778 175		8.778 958		1.221 042	9.999 217		**.560**	1 12.5
		126		127			1		2 25.0
441	8.778 301		8.779 085		1.220 915	9.999 216		559	3 37.5
442	8.778 427	126	8.779 211	126	1.220 789	9.999 216	0	558	4 50.0
443	8.778 553	126	8.779 338	127	1.220 662	9.999 215	1	557	5 62.5
		126		126			0		6 75.0
444	8.778 679		8.779 464		1.220 536	9.999 215		556	7 87.5
445	8.778 805	126	8.779 590	126	1.220 410	9.999 214	1	555	8 100.0
446	8.778 931	126	8.779 717	127	1.220 283	9.999 214	0	554	9 112.5
		126		126			0		
447	8.779 057		8.779 843		1.220 157	9.999 214		553	
448	8.779 182	125	8.779 969	126	1.220 031	9.999 213	1	552	
449	8.779 308	126	8.780 096	127	1.219 904	9.999 213	0	551	
		126		126			1		
.450	8.779 434		8.780 222		1.219 778	9.999 212		**.550**	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

$86^\circ.600 - 86^\circ.550$

$3^\circ.450 - 3^\circ.500$

3°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.779 434		8.780 222		1.219 778	9.999 212		**.550**	
		126		126			0		
451	8.779 560		8.780 348		1.219 652	9.999 212		549	
452	8.779 685	125	8.780 474	126	1.219 526	9.999 211	1	548	
453	8.779 811	126	8.780 600	126	1.219 400	9.999 211	0	547	
		126		126			1		
454	8.779 937		8.780 726		1.219 274	9.999 210		546	
455	8.780 062	125	8.780 852	126	1.219 148	9.999 210	0	545	
456	8.780 188	126	8.780 978	126	1.219 022	9.999 209	1	544	
		125		126			0		
457	8.780 313		8.781 104		1.218 896	9.999 209		543	
458	8.780 439	126	8.781 230	126	1.218 770	9.999 209	0	542	
459	8.780 564	125	8.781 356	126	1.218 644	9.999 208	1	541	
		125		126			0		
.460	8.780 689		8.781 482		1.218 518	9.999 208		**.540**	
		126		126			1		
461	8.780 815		8.781 608		1.218 392	9.999 207		539	
462	8.780 940	125	8.781 733	125	1.218 267	9.999 207	0	538	
463	8.781 065	125	8.781 859	126	1.218 141	9.999 206	1	537	
		126		126			0		
464	8.781 191		8.781 985		1.218 015	9.999 206		536	
465	8.781 316	125	8.782 111	126	1.217 889	9.999 205	1	535	
466	8.781 441	125	8.782 236	125	1.217 764	9.999 205	0	534	
		125		126			1		
467	8.781 566		8.782 362		1.217 638	9.999 204		533	
468	8.781 691	125	8.782 487	125	1.217 513	9.999 204	0	532	
469	8.781 816	125	8.782 613	126	1.217 387	9.999 204	0	531	
		125		125			1		
.470	8.781 941		8.782 738		1.217 262	9.999 203		**.530**	
		125		126			0		
471	8.782 066		8.782 864		1.217 136	9.999 203		529	
472	8.782 191	125	8.782 989	125	1.217 011	9.999 202	1	528	
473	8.782 316	125	8.783 115	126	1.216 885	9.999 202	0	527	
		125		125			1		
474	8.782 441		8.783 240		1.216 760	9.999 201		526	
475	8.782 566	125	8.783 365	125	1.216 635	9.999 201	0	525	
476	8.782 691	125	8.783 490	125	1.216 510	9.999 200	1	524	
		124		126			0		
477	8.782 815		8.783 616		1.216 384	9.999 200		523	
478	8.782 940	125	8.783 741	125	1.216 259	9.999 199	1	522	
479	8.783 065	125	8.783 866	125	1.216 134	9.999 199	0	521	
		125		125			1		
.480	8.783 190		8.783 991		1.216 009	9.999 198		**.520**	
		124		125			0		
481	8.783 314		8.784 116		1.215 884	9.999 198		519	
482	8.783 439	125	8.784 241	125	1.215 759	9.999 198	0	518	
483	8.783 563	124	8.784 366	125	1.215 634	9.999 197	1	517	
		125		125			0		
484	8.783 688		8.784 491		1.215 509	9.999 197		516	
485	8.783 812	124	8.784 616	125	1.215 384	9.999 196	1	515	
486	8.783 937	125	8.784 741	125	1.215 259	9.999 196	0	514	
		124		125			1		
487	8.784 061		8.784 866		1.215 134	9.999 195		513	
488	8.784 186	125	8.784 991	125	1.215 009	9.999 195	0	512	
489	8.784 310	124	8.785 116	125	1.214 884	9.999 194	1	511	
		124		124			0		
.490	8.784 434		8.785 240		1.214 760	9.999 194		**.510**	
		124		125			1		
491	8.784 558		8.785 365		1.214 635	9.999 193		509	
492	8.784 683	125	8.785 490	125	1.214 510	9.999 193	0	508	
493	8.784 807	124	8.785 614	124	1.214 386	9.999 192	1	507	
		124		125			0		
494	8.784 931		8.785 739		1.214 261	9.999 192		506	
495	8.785 055	124	8.785 864	125	1.214 136	9.999 192	0	505	
496	8.785 179	124	8.785 988	124	1.214 012	9.999 191	1	504	
		124		125			0		
497	8.785 303		8.786 113		1.213 887	9.999 191		503	
498	8.785 427	124	8.786 237	124	1.213 763	9.999 190	1	502	
499	8.785 551	124	8.786 362	125	1.213 638	9.999 190	0	501	
		124		124			1		
.500	8.785 675		8.786 486		1.213 514	9.999 189		**.500**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

	126
1	12.6
2	25.2
3	37.8
4	50.4
5	63.0
6	75.6
7	88.2
8	100.8
9	113.4

	125
1	12.5
2	25.0
3	37.5
4	50.0
5	62.5
6	75.0
7	87.5
8	100.0
9	112.5

	124
1	12.4
2	24.8
3	37.2
4	49.6
5	62.0
6	74.4
7	86.8
8	99.2
9	111.6

$86^\circ.550 - 86^\circ.500$

$3^\circ.500 - 3^\circ.550$

3°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.785 675		8.786 486		1.213 514	9.999 189		**.500**	
		124		124			0		
501	8.785 799		8.786 610		1.213 390	9.999 189		499	
502	8.785 923	124	8.786 735	125	1.213 265	9.999 188	1	498	
503	8.786 047	124	8.786 859	124	1.213 141	9.999 188	0	497	
		124		124			1		125
504	8.786 171		8.786 983		1.213 017	9.999 187		496	1 12.5
505	8.786 294	123	8.787 108	125	1.212 892	9.999 187	0	495	2 25.0
506	8.786 418	124	8.787 232	124	1.212 768	9.999 186	1	494	3 37.5
		124		124			0		4 50.0
507	8.786 542		8.787 356		1.212 644	9.999 186		493	5 62.5
508	8.786 666	124	8.787 480	124	1.212 520	9.999 185	1	492	6 75.0
509	8.786 789	123	8.787 604	124	1.212 396	9.999 185	0	491	7 87.5
		124		124			0		8 100.0
.510	8.786 913		8.787 728		1.212 272	9.999 185		**.490**	9 112.5
		123		124			1		
511	8.787 036		8.787 852		1.212 148	9.999 184		489	
512	8.787 160	124	8.787 976	124	1.212 024	9.999 184	0	488	
513	8.787 283	123	8.788 100	124	1.211 900	9.999 183	1	487	
		124		124			0		
514	8.787 407		8.788 224		1.211 776	9.999 183		486	
515	8.787 530	123	8.788 348	124	1.211 652	9.999 182	1	485	
516	8.787 654	124	8.788 472	124	1.211 528	9.999 182	0	484	124
		123		124			1		
517	8.787 777		8.788 596		1.211 404	9.999 181		483	1 12.4
518	8.787 900	123	8.788 719	123	1.211 281	9.999 181	0	482	2 24.8
519	8.788 024	124	8.788 843	124	1.211 157	9.999 180	1	481	3 37.2
		123		124			0		4 49.6
.520	8.788 147		8.788 967		1.211 033	9.999 180		**.480**	5 62.0
		123		124			1		6 74.4
521	8.788 270		8.789 091		1.210 909	9.999 179		479	7 86.8
522	8.788 393	123	8.789 214	123	1.210 786	9.999 179	0	478	8 99.2
523	8.788 516	123	8.789 338	124	1.210 662	9.999 178	1	477	9 111.6
		123		123			0		
524	8.788 639		8.789 461		1.210 539	9.999 178		476	
525	8.788 762	123	8.789 585	124	1.210 415	9.999 178	0	475	
526	8.788 886	124	8.789 708	123	1.210 292	9.999 177	1	474	
		123		124			0		
527	8.789 009		8.789 832		1.210 168	9.999 177		473	123
528	8.789 131	122	8.789 955	123	1.210 045	9.999 176	1	472	
529	8.789 254	123	8.790 079	124	1.209 921	9.999 176	0	471	1 12.3
		123		123			1		2 24.6
.530	8.789 377		8.790 202		1.209 798	9.999 175		**.470**	3 36.9
		123		123			0		4 49.2
531	8.789 500		8.790 325		1.209 675	9.999 175		469	5 61.5
532	8.789 623	123	8.790 449	124	1.209 551	9.999 174	1	468	6 73.8
533	8.789 746	123	8.790 572	123	1.209 428	9.999 174	0	467	7 86.1
		123		123			1		8 98.4
534	8.789 869		8.790 695		1.209 305	9.999 173		466	9 110.7
535	8.789 991	122	8.790 818	123	1.209 182	9.999 173	0	465	
536	8.790 114	123	8.790 941	123	1.209 059	9.999 172	1	464	
		123		124			0		
537	8.790 237		8.791 065		1.208 935	9.999 172		463	
538	8.790 359	122	8.791 188	123	1.208 812	9.999 171	1	462	
539	8.790 482	123	8.791 311	123	1.208 689	9.999 171	0	461	122
		122		123			0		
.540	8.790 604		8.791 434		1.208 566	9.999 171		**.460**	1 12.2
		123		123			1		2 24.4
541	8.790 727		8.791 557		1.208 443	9.999 170		459	3 36.6
542	8.790 849	122	8.791 680	123	1.208 320	9.999 170	0	458	4 48.8
543	8.790 972	123	8.791 803	123	1.208 197	9.999 169	1	457	5 61.0
		122		122			0		6 73.2
544	8.791 094		8.791 925		1.208 075	9.999 169		456	7 85.4
545	8.791 216	122	8.792 048	123	1.207 952	9.999 168	1	455	8 97.6
546	8.791 339	123	8.792 171	123	1.207 829	9.999 168	0	454	9 109.8
		122		123			1		
547	8.791 461		8.792 294		1.207 706	9.999 167		453	
548	8.791 583	122	8.792 417	123	1.207 583	9.999 167	0	452	
549	8.791 706	123	8.792 539	122	1.207 461	9.999 166	1	451	
		122		123			0		
.550	8.791 828		8.792 662		1.207 338	9.999 166		**.450**	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

$86^\circ.500 - 86^\circ.450$

$3^\circ.550 - 3^\circ.600$

3°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.791 828		8.792 662		1.207 338	9.999 166		**.450**	
		122		123			1		
551	8.791 950		8.792 785		1.207 215	9.999 165		449	
		122		122			0		
552	8.792 072		8.792 907		1.207 093	9.999 165		448	
		122		123			1		
553	8.792 194		8.793 030		1.206 970	9.999 164		447	
		122		122			0		
554	8.792 316		8.793 152		1.206 848	9.999 164		446	
		122		123			1		
555	8.792 438		8.793 275		1.206 725	9.999 163		445	
		122		122			0		
556	8.792 560		8.793 397		1.206 603	9.999 163		444	
		122		123			0		
557	8.792 682		8.793 520		1.206 480	9.999 163		443	
		122		122			1		
558	8.792 804		8.793 642		1.206 358	9.999 162		442	
		122		122			0		
559	8.792 926		8.793 764		1.206 236	9.999 162		441	
		122		123			1		
.560	8.793 048		8.793 887		1.206 113	9.999 161		**.440**	
		122		122			0		
561	8.793 170		8.794 009		1.205 991	9.999 161		439	
		121		122			1		
562	8.793 291		8.794 131		1.205 869	9.999 160		438	
		122		123			0		
563	8.793 413		8.794 254		1.205 746	9.999 160		437	
		122		122			1		
564	8.793 535		8.794 376		1.205 624	9.999 159		436	
		122		122			0		
565	8.793 657		8.794 498		1.205 502	9.999 159		435	
		121		122			1		
566	8.793 778		8.794 620		1.205 380	9.999 158		434	
		122		122			0		
567	8.793 900		8.794 742		1.205 258	9.999 158		433	
		121		122			1		
568	8.794 021		8.794 864		1.205 136	9.999 157		432	
		122		122			0		
569	8.794 143		8.794 986		1.205 014	9.999 157		431	
		122		122			1		
.570	8.794 265		8.795 108		1.204 892	9.999 156		**.430**	
		121		122			0		
571	8.794 386		8.795 230		1.204 770	9.999 156		429	
		121		122			1		
572	8.794 507		8.795 352		1.204 648	9.999 155		428	
		122		122			0		
573	8.794 629		8.795 474		1.204 526	9.999 155		427	
		121		122			0		
574	8.794 750		8.795 596		1.204 404	9.999 155		426	
		122		122			1		
575	8.794 872		8.795 718		1.204 282	9.999 154		425	
		121		121			0		
576	8.794 993		8.795 839		1.204 161	9.999 154		424	
		121		122			1		
577	8.795 114		8.795 961		1.204 039	9.999 153		423	
		121		122			0		
578	8.795 235		8.796 083		1.203 917	9.999 153		422	
		122		121			1		
579	8.795 357		8.796 204		1.203 796	9.999 152		421	
		121		122			0		
.580	8.795 478		8.796 326		1.203 674	9.999 152		**.420**	
		121		122			1		
581	8.795 599		8.796 448		1.203 552	9.999 151		419	
		121		121			0		
582	8.795 720		8.796 569		1.203 431	9.999 151		418	
		121		122			1		
583	8.795 841		8.796 691		1.203 309	9.999 150		417	
		121		121			0		
584	8.795 962		8.796 812		1.203 188	9.999 150		416	
		121		122			1		
585	8.796 083		8.796 934		1.203 066	9.999 149		415	
		121		121			0		
586	8.796 204		8.797 055		1.202 945	9.999 149		414	
		121		122			1		
587	8.796 325		8.797 177		1.202 823	9.999 148		413	
		121		121			0		
588	8.796 446		8.797 298		1.202 702	9.999 148		412	
		121		121			1		
589	8.796 567		8.797 419		1.202 581	9.999 147		411	
		121		122			0		
.590	8.796 688		8.797 541		1.202 459	9.999 147		**.410**	
		120		121			1		
591	8.796 808		8.797 662		1.202 338	9.999 146		409	
		121		121			0		
592	8.796 929		8.797 783		1.202 217	9.999 146		408	
		121		121			0		
593	8.797 050		8.797 904		1.202 096	9.999 146		407	
		121		122			1		
594	8.797 171		8.798 026		1.201 974	9.999 145		406	
		120		121			0		
595	8.797 291		8.798 147		1.201 853	9.999 145		405	
		121		121			1		
596	8.797 412		8.798 268		1.201 732	9.999 144		404	
		120		121			0		
597	8.797 532		8.798 389		1.201 611	9.999 144		403	
		121		121			1		
598	8.797 653		8.798 510		1.201 490	9.999 143		402	
		121		121			0		
599	8.797 774		8.798 631		1.201 369	9.999 143		401	
		120		121			1		
.600	8.797 894		8.798 752		1.201 248	9.999 142		**.400**	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

	123
1	12.3
2	24.6
3	36.9
4	49.2
5	61.5
6	73.8
7	86.1
8	98.4
9	110.7

	122
1	12.2
2	24.4
3	36.6
4	48.8
5	61.0
6	73.2
7	85.4
8	97.6
9	109.8

	121
1	12.1
2	24.2
3	36.3
4	48.4
5	60.5
6	72.6
7	84.7
8	96.8
9	108.9

	120
1	12.0
2	24.0
3	36.0
4	48.0
5	60.0
6	72.0
7	84.0
8	96.0
9	108.0

$86^\circ.450 - 86^\circ.400$

3°.600 — 3°.650

3°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.797 894		8.798 752		1.201 248	9.999 142		**.400**	
		121		121			0		
601	8.798 015		8.798 873		1.201 127	9.999 142		399	
602	8.798 135	120	8.798 994	121	1.201 006	9.999 141	1	398	
603	8.798 255	120	8.799 115	121	1.200 885	9.999 141	0	397	
		121		120			1		121
604	8.798 376		8.799 235		1.200 765	9.999 140		396	1 12.1
605	8.798 496	120	8.799 356	121	1.200 644	9.999 140	0	395	2 24.2
606	8.798 616	120	8.799 477	121	1.200 523	9.999 139	1	394	3 36.3
		121		121			0		4 48.4
607	8.798 737		8.799 598		1.200 402	9.999 139		393	5 60.5
608	8.798 857	120	8.799 718	120	1.200 282	9.999 138	1	392	6 72.6
609	8.798 977	120	8.799 839	121	1.200 161	9.999 138	0	391	7 84.7
		120		121			1		8 96.8
.610	8.799 097		8.799 960		1.200 040	9.999 137		**.390**	9 108.9
		120		120			0		
611	8.799 217		8.800 080		1.199 920	9.999 137		389	
612	8.799 337	120	8.800 201	121	1.199 799	9.999 136	1	388	
613	8.799 457	120	8.800 322	121	1.199 678	9.999 136	0	387	
		120		120			1		
614	8.799 577		8.800 442		1.199 558	9.999 135		386	
615	8.799 697	120	8.800 562	120	1.199 438	9.999 135	0	385	120
616	8.799 817	120	8.800 683	121	1.199 317	9.999 135	0	384	
		120		120			1		1 12.0
617	8.799 937		8.800 803		1.199 197	9.999 134		383	2 24.0
618	8.800 057	120	8.800 924	121	1.199 076	9.999 134	0	382	3 36.0
619	8.800 177	120	8.801 044	120	1.198 956	9.999 133	1	381	4 48.0
		120		120			0		5 60.0
.620	8.800 297		8.801 164		1.198 836	9.999 133		**.380**	6 72.0
		120		121			1		7 84.0
621	8.800 417		8.801 285		1.198 715	9.999 132		379	8 96.0
622	8.800 537	120	8.801 405	120	1.198 595	9.999 132	0	378	9 108.0
623	8.800 656	119	8.801 525	120	1.198 475	9.999 131	1	377	
		120		120			0		
624	8.800 776		8.801 645		1.198 355	9.999 131		376	
625	8.800 896	120	8.801 765	120	1.198 235	9.999 130	1	375	
626	8.801 015	119	8.801 886	121	1.198 114	9.999 130	0	374	
		120		120			1		119
627	8.801 135		8.802 006		1.197 994	9.999 129		373	1 11.9
628	8.801 254	119	8.802 126	120	1.197 874	9.999 129	0	372	2 23.8
629	8.801 374	120	8.802 246	120	1.197 754	9.999 128	1	371	3 35.7
		119		120			0		4 47.6
.630	8.801 493		8.802 366		1.197 634	9.999 128		**.370**	5 59.5
		120		120			1		6 71.4
631	8.801 613		8.802 486		1.197 514	9.999 127		369	7 83.3
632	8.801 732	119	8.802 605	119	1.197 395	9.999 127	0	368	8 95.2
633	8.801 852	120	8.802 725	120	1.197 275	9.999 126	1	367	9 107.1
		119		120			0		
634	8.801 971		8.802 845		1.197 155	9.999 126		366	
635	8.802 090	119	8.802 965	120	1.197 035	9.999 125	1	365	
636	8.802 210	120	8.803 085	120	1.196 915	9.999 125	0	364	
		119		120			1		
637	8.802 329		8.803 205		1.196 795	9.999 124		363	
638	8.802 448	119	8.803 324	119	1.196 676	9.999 124	0	362	
639	8.802 567	119	8.803 444	120	1.196 556	9.999 123	1	361	118
		120		120			0		
.640	8.802 687		8.803 564		1.196 436	9.999 123		**.360**	1 11.8
		119		119			0		2 23.6
641	8.802 806		8.803 683		1.196 317	9.999 123		359	3 35.4
642	8.802 925	119	8.803 803	120	1.196 197	9.999 122	1	358	4 47.2
643	8.803 044	119	8.803 922	119	1.196 078	9.999 122	0	357	5 59.0
		119		120			1		6 70.8
644	8.803 163		8.804 042		1.195 958	9.999 121		356	7 82.6
645	8.803 282	119	8.804 161	119	1.195 839	9.999 121	0	355	8 94.4
646	8.803 401	119	8.804 281	120	1.195 719	9.999 120	1	354	9 106.2
		119		119			0		
647	8.803 520		8.804 400		1.195 600	9.999 120		353	
648	8.803 639	119	8.804 520	120	1.195 480	9.999 119	1	352	
649	8.803 758	119	8.804 639	119	1.195 361	9.999 119	0	351	
		118		119			1		
.650	8.803 876		8.804 758		1.195 242	9.999 118		**.350**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

86°.400 — 86°.350

$3^\circ.650 - 3^\circ.700$

3°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.803 876		8.804 758		1.195 242	9.999 118		**.350**	
		119		120			0		
651	8.803 995		8.804 878		1.195 122	9.999 118		349	
652	8.804 114	119	8.804 997	119	1.195 003	9.999 117	1	348	
653	8.804 233	119	8.805 116	119	1.194 884	9.999 117	0	347	
		118		119			1		120
654	8.804 351		8.805 235		1.194 765	9.999 116		346	1 12.0
655	8.804 470	119	8.805 354	119	1.194 646	9.999 116	0	345	2 24.0
656	8.804 589	119	8.805 474	120	1.194 526	9.999 115	1	344	3 36.0
		118		119			0		4 48.0
657	8.804 707		8.805 593		1.194 407	9.999 115		343	5 60.0
658	8.804 826	119	8.805 712	119	1.194 288	9.999 114	1	342	6 72.0
659	8.804 945	119	8.805 831	119	1.194 169	9.999 114	0	341	7 84.0
		118		119			1		8 96.0
.660	8.805 063		8.805 950		1.194 050	9.999 113		**.340**	9 108.0
		119		119			0		
661	8.805 182		8.806 069		1.193 931	9.999 113		339	
662	8.805 300	118	8.806 188	119	1.193 812	9.999 112	1	338	
663	8.805 418	118	8.806 307	119	1.193 693	9.999 112	0	337	
		119		118			1		
664	8.805 537		8.806 425		1.193 575	9.999 111		336	
665	8.805 655	118	8.806 544	119	1.193 456	9.999 111	0	335	
666	8.805 773	118	8.806 663	119	1.193 337	9.999 110	1	334	119
		119		119			0		1 11.9
667	8.805 892		8.806 782		1.193 218	9.999 110		333	2 23.8
668	8.806 010	118	8.806 901	119	1.193 099	9.999 109	1	332	3 35.7
669	8.806 128	118	8.807 019	118	1.192 981	9.999 109	0	331	4 47.6
		118		119			1		5 59.5
.670	8.806 246		8.807 138		1.192 862	9.999 108		**.330**	6 71.4
		119		119			0		7 83.3
671	8.806 365		8.807 257		1.192 743	9.999 108		329	8 95.2
672	8.806 483	118	8.807 375	118	1.192 625	9.999 107	1	328	9 107.1
673	8.806 601	118	8.807 494	119	1.192 506	9.999 107	0	327	
		118		118			0		
674	8.806 719		8.807 612		1.192 388	9.999 107		326	
675	8.806 837	118	8.807 731	119	1.192 269	9.999 106	1	325	
676	8.806 955	118	8.807 849	118	1.192 151	9.999 106	0	324	
		118		119			1		118
677	8.807 073		8.807 968		1.192 032	9.999 105		323	
678	8.807 191	118	8.808 086	118	1.191 914	9.999 105	0	322	1 11.8
679	8.807 309	118	8.808 205	119	1.191 795	9.999 104	1	321	2 23.6
		118		118			0		3 35.4
.680	8.807 427		8.808 323		1.191 677	9.999 104		**.320**	4 47.2
		117		118			1		5 59.0
681	8.807 544		8.808 441		1.191 559	9.999 103		319	6 70.8
682	8.807 662	118	8.808 560	119	1.191 440	9.999 103	0	318	7 82.6
683	8.807 780	118	8.808 678	118	1.191 322	9.999 102	1	317	8 94.4
		118		118			0		9 106.2
684	8.807 898		8.808 796		1.191 204	9.999 102		316	
685	8.808 015	117	8.808 914	118	1.191 086	9.999 101	1	315	
686	8.808 133	118	8.809 032	118	1.190 968	9.999 101	0	314	
		118		119			1		
687	8.808 251		8.809 151		1.190 849	9.999 100		313	
688	8.808 368	117	8.809 269	118	1.190 731	9.999 100	0	312	
689	8.808 486	118	8.809 387	118	1.190 613	9.999 099	1	311	117
		117		118			0		
.690	8.808 603		8.809 505		1.190 495	9.999 099		**.310**	1 11.7
		118		118			1		2 23.4
691	8.808 721		8.809 623		1.190 377	9.999 098		309	3 35.1
692	8.808 838	117	8.809 741	118	1.190 259	9.999 098	0	308	4 46.8
693	8.808 956	118	8.809 859	118	1.190 141	9.999 097	1	307	5 58.5
		117		118			0		6 70.2
694	8.809 073		8.809 977		1.190 023	9.999 097		306	7 81.9
695	8.809 191	118	8.810 094	117	1.189 906	9.999 096	1	305	8 93.6
696	8.809 308	117	8.810 212	118	1.189 788	9.999 096	0	304	9 105.3
		117		118			1		
697	8.809 425		8.810 330		1.189 670	9.999 095		303	
698	8.809 543	118	8.810 448	118	1.189 552	9.999 095	0	302	
699	8.809 660	117	8.810 566	118	1.189 434	9.999 094	1	301	
		117		117			0		
.700	8.809 777		8.810 683		1.189 317	9.999 094		**.300**	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

$86^\circ.350 - 86^\circ.300$

$3^\circ.700 - 3^\circ.750$

3°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.809 777		8.810 683		1.189 317	9.999 094		**.300**	
		117		118			1		
701	8.809 894		8.810 801		1.189 199	9.999 093		299	
		118		118			0		
702	8.810 012		8.810 919		1.189 081	9.999 093		298	
		117		117			1		
703	8.810 129		8.811 036		1.188 964	9.999 092		297	
		117		118			0		
704	8.810 246		8.811 154		1.188 846	9.999 092		296	
		117		118			1		
705	8.810 363		8.811 272		1.188 728	9.999 091		295	
		117		117			0		
706	8.810 480		8.811 389		1.188 611	9.999 091		294	
		117		118			1		
707	8.810 597		8.811 507		1.188 493	9.999 090		293	
		117		117			0		
708	8.810 714		8.811 624		1.188 376	9.999 090		292	
		117		117			1		
709	8.810 831		8.811 741		1.188 259	9.999 089		291	
		117		118			0		
.710	8.810 948		8.811 859		1.188 141	9.999 089		**.290**	
		117		117			1		
711	8.811 065		8.811 976		1.188 024	9.999 088		289	
		116		118			0		
712	8.811 181		8.812 094		1.187 906	9.999 088		288	
		117		117			1		
713	8.811 298		8.812 211		1.187 789	9.999 087		287	
		117		117			0		
714	8.811 415		8.812 328		1.187 672	9.999 087		286	
		117		117			1		
715	8.811 532		8.812 445		1.187 555	9.999 086		285	
		117		118			0		
716	8.811 649		8.812 563		1.187 437	9.999 086		284	
		116		117			1		
717	8.811 765		8.812 680		1.187 320	9.999 085		283	
		117		117			0		
718	8.811 882		8.812 797		1.187 203	9.999 085		282	
		117		117			1		
719	8.811 999		8.812 914		1.187 086	9.999 084		281	
		116		117			0		
.720	8.812 115		8.813 031		1.186 969	9.999 084		**.280**	
		117		117			1		
721	8.812 232		8.813 148		1.186 852	9.999 083		279	
		116		117			0		
722	8.812 348		8.813 265		1.186 735	9.999 083		278	
		117		117			0		
723	8.812 465		8.813 382		1.186 618	9.999 083		277	
		116		117			1		
724	8.812 581		8.813 499		1.186 501	9.999 082		276	
		117		117			0		
725	8.812 698		8.813 616		1.186 384	9.999 082		275	
		116		117			1		
726	8.812 814		8.813 733		1.186 267	9.999 081		274	
		116		117			0		
727	8.812 930		8.813 850		1.186 150	9.999 081		273	
		117		117			1		
728	8.813 047		8.813 967		1.186 033	9.999 080		272	
		116		117			0		
729	8.813 163		8.814 084		1.185 916	9.999 080		271	
		116		116			1		
.730	8.813 279		8.814 200		1.185 800	9.999 079		**.270**	
		117		117			0		
731	8.813 396		8.814 317		1.185 683	9.999 079		269	
		116		117			1		
732	8.813 512		8.814 434		1.185 566	9.999 078		268	
		116		116			0		
733	8.813 628		8.814 550		1.185 450	9.999 078		267	
		116		117			1		
734	8.813 744		8.814 667		1.185 333	9.999 077		266	
		116		117			0		
735	8.813 860		8.814 784		1.185 216	9.999 077		265	
		116		116			1		
736	8.813 976		8.814 900		1.185 100	9.999 076		264	
		117		117			0		
737	8.814 093		8.815 017		1.184 983	9.999 076		263	
		116		116			1		
738	8.814 209		8.815 133		1.184 867	9.999 075		262	
		116		117			0		
739	8.814 325		8.815 250		1.184 750	9.999 075		261	
		116		116			1		
.740	8.814 441		8.815 366		1.184 634	9.999 074		**.260**	
		115		117			0		
741	8.814 556		8.815 483		1.184 517	9.999 074		259	
		116		116			1		
742	8.814 672		8.815 599		1.184 401	9.999 073		258	
		116		117			0		
743	8.814 788		8.815 716		1.184 284	9.999 073		257	
		116		116			1		
744	8.814 904		8.815 832		1.184 168	9.999 072		256	
		116		116			0		
745	8.815 020		8.815 948		1.184 052	9.999 072		255	
		116		117			1		
746	8.815 136		8.816 065		1.183 935	9.999 071		254	
		115		116			0		
747	8.815 251		8.816 181		1.183 819	9.999 071		253	
		116		116			1		
748	8.815 367		8.816 297		1.183 703	9.999 070		252	
		116		116			0		
749	8.815 483		8.816 413		1.183 587	9.999 070		251	
		116		116			1		
.750	8.815 599		8.816 529		1.183 471	9.999 069		**.250**	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

	118
1	11.8
2	23.6
3	35.4
4	47.2
5	59.0
6	70.8
7	82.6
8	94.4
9	106.2

	117
1	11.7
2	23.4
3	35.1
4	46.8
5	58.5
6	70.2
7	81.9
8	93.6
9	105.3

	116
1	11.6
2	23.2
3	34.8
4	46.4
5	58.0
6	69.6
7	81.2
8	92.8
9	104.4

	115
1	11.5
2	23.0
3	34.5
4	46.0
5	57.5
6	69.0
7	80.5
8	92.0
9	103.5

$86^\circ.300 - 86^\circ.250$

$3^\circ.750 - 3^\circ.800$

3°	sin	d	tang	d	cotg	cos	d		P.P.
.750	8.815 599		8.816 529		1.183 471	9.999 069		**.250**	
		115		117			0		
751	8.815 714		8.816 646		1.183 354	9.999 069		249	
752	8.815 830	116	8.816 762	116	1.183 238	9.999 068	1	248	
753	8.815 945	115	8.816 878	116	1.183 122	9.999 068	0	247	
		116		116			1		117
754	8.816 061		8.816 994		1.183 006	9.999 067		246	1 11.7
755	8.816 176	115	8.817 110	116	1.182 890	9.999 067	0	245	2 23.4
756	8.816 292	116	8.817 226	116	1.182 774	9.999 066	1	244	3 35.1
		115		116			0		4 46.8
757	8.816 407		8.817 342		1.182 658	9.999 066		243	5 58.5
758	8.816 523	116	8.817 458	116	1.182 542	9.999 065	1	242	6 70.2
759	8.816 638	115	8.817 573	115	1.182 427	9.999 065	0	241	7 81.9
		115		116			1		8 93.6
.760	8.816 753		8.817 689		1.182 311	9.999 064		**.240**	9 105.3
		116		116			0		
761	8.816 869		8.817 805		1.182 195	9.999 064		239	
762	8.816 984	115	8.817 921	116	1.182 079	9.999 063	1	238	
763	8.817 099	115	8.818 037	116	1.181 963	9.999 063	0	237	
		116		115			1		
764	8.817 215		8.818 152		1.181 848	9.999 062		236	
765	8.817 330	115	8.818 268	116	1.181 732	9.999 062	0	235	116
766	8.817 445	115	8.818 384	116	1.181 616	9.999 061	1	234	
		115		115			0		1 11.6
767	8.817 560		8.818 499		1.181 501	9.999 061		233	2 23.2
768	8.817 675	115	8.818 615	116	1.181 385	9.999 060	1	232	3 34.8
769	8.817 790	115	8.818 731	116	1.181 269	9.999 060	0	231	4 46.4
		115		115			1		5 58.0
.770	8.817 905		8.818 846		1.181 154	9.999 059		**.230**	6 69.6
		115		116			0		7 81.2
771	8.818 020		8.818 962		1.181 038	9.999 059		229	8 92.8
772	8.818 135	115	8.819 077	115	1.180 923	9.999 058	1	228	9 104.4
773	8.818 250	115	8.819 193	116	1.180 807	9.999 058	0	227	
		115		115			1		
774	8.818 365		8.819 308		1.180 692	9.999 057		226	
775	8.818 480	115	8.819 423	115	1.180 577	9.999 057	0	225	
776	8.818 595	115	8.819 539	116	1.180 461	9.999 056	1	224	
		115		115			0		
777	8.818 710		8.819 654		1.180 346	9.999 056		223	115
778	8.818 825	115	8.819 769	115	1.180 231	9.999 055	1	222	
779	8.818 939	114	8.819 885	116	1.180 115	9.999 055	0	221	1 11.5
		115		115			1		2 23.0
.780	8.819 054		8.820 000		1.180 000	9.999 054		**.220**	3 34.5
		115		115			0		4 46.0
781	8.819 169		8.820 115		1.179 885	9.999 054		219	5 57.5
782	8.819 283	114	8.820 230	115	1.179 770	9.999 053	1	218	6 69.0
783	8.819 398	115	8.820 345	115	1.179 655	9.999 053	0	217	7 80.5
		115		116			1		8 92.0
784	8.819 513		8.820 461		1.179 539	9.999 052		216	9 103.5
785	8.819 627	114	8.820 576	115	1.179 424	9.999 052	0	215	
786	8.819 742	115	8.820 691	115	1.179 309	9.999 051	1	214	
		114		115			0		
787	8.819 856		8.820 806		1.179 194	9.999 051		213	
788	8.819 971	115	8.820 921	115	1.179 079	9.999 050	1	212	
789	8.820 085	114	8.821 036	115	1.178 964	9.999 050	0	211	114
		115		115			1		
.790	8.820 200		8.821 151		1.178 849	9.999 049		**.210**	1 11.4
		114		115			0		2 22.8
791	8.820 314		8.821 266		1.178 734	9.999 049		209	3 34.2
792	8.820 429	115	8.821 380	114	1.178 620	9.999 048	1	208	4 45.6
793	8.820 543	114	8.821 495	115	1.178 505	9.999 048	0	207	5 57.0
		114		115			1		6 68.4
794	8.820 657		8.821 610		1.178 390	9.999 047		206	7 79.8
795	8.820 772	115	8.821 725	115	1.178 275	9.999 047	0	205	8 91.2
796	8.820 886	114	8.821 840	115	1.178 160	9.999 046	1	204	9 102.6
		114		114			0		
797	8.821 000		8.821 954		1.178 046	9.999 046		203	
798	8.821 114	114	8.822 069	115	1.177 931	9.999 045	1	202	
799	8.821 228	114	8.822 184	115	1.177 816	9.999 045	0	201	
		115		114			1		
.800	8.821 343		8.822 298		1.177 702	9.999 044		**.200**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

$86^\circ.250 - 86^\circ.200$

$3^\circ.800 - 3^\circ.850$

3°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.821 343		8.822 298		1.177 702	9.999 044		**.200**	
		114		115			0		
801	8.821 457		8.822 413		1.177 587	9.999 044		199	
802	8.821 571	114	8.822 528	115	1.177 472	9.999 043	1	198	
803	8.821 685	114	8.822 642	114	1.177 358	9.999 043	0	197	
		114		115			1		115
804	8.821 799		8.822 757		1.177 243	9.999 042		196	1 11.5
805	8.821 913	114	8.822 871	114	1.177 129	9.999 042	0	195	2 23.0
806	8.822 027	114	8.822 986	115	1.177 014	9.999 041	1	194	3 34.5
		114		114			0		4 46.0
807	8.822 141		8.823 100		1.176 900	9.999 041		193	5 57.5
808	8.822 255	114	8.823 214	114	1.176 786	9.999 040	1	192	6 69.0
809	8.822 368	113	8.823 329	115	1.176 671	9.999 040	0	191	7 80.5
		114		114			1		8 92.0
.810	8.822 482		8.823 443		1.176 557	9.999 039		**.190**	9 103.5
		114		114			0		
811	8.822 596		8.823 557		1.176 443	9.999 039		189	
812	8.822 710	114	8.823 672	115	1.176 328	9.999 038	1	188	
813	8.822 824	114	8.823 786	114	1.176 214	9.999 038	0	187	
		113		114			1		
814	8.822 937		8.823 900		1.176 100	9.999 037		186	
815	8.823 051	114	8.824 014	114	1.175 986	9.999 037	0	185	114
816	8.823 165	114	8.824 129	115	1.175 871	9.999 036	1	184	
		113		114			0		1 11.4
817	8.823 278		8.824 243		1.175 757	9.999 036		183	2 22.8
818	8.823 392	114	8.824 357	114	1.175 643	9.999 035	1	182	3 34.2
819	8.823 505	113	8.824 471	114	1.175 529	9.999 035	0	181	4 45.6
		114		114			1		5 57.0
.820	8.823 619		8.824 585		1.175 415	9.999 034		**.180**	6 68.4
		113		114			0		7 79.8
821	8.823 732		8.824 699		1.175 301	9.999 034		179	8 91.2
822	8.823 846	114	8.824 813	114	1.175 187	9.999 033	1	178	9 102.6
823	8.823 959	113	8.824 927	114	1.175 073	9.999 033	0	177	
		114		114			1		
824	8.824 073		8.825 041		1.174 959	9.999 032		176	
825	8.824 186	113	8.825 155	114	1.174 845	9.999 032	0	175	
826	8.824 300	114	8.825 269	114	1.174 731	9.999 031	1	174	
		113		113			1		113
827	8.824 413		8.825 382		1.174 618	9.999 030		173	
828	8.824 526	113	8.825 496	114	1.174 504	9.999 030	0	172	1 11.3
829	8.824 639	113	8.825 610	114	1.174 390	9.999 029	1	171	2 22.6
		114		114			0		3 33.9
.830	8.824 753		8.825 724		1.174 276	9.999 029		**.170**	4 45.2
		113		113			1		5 56.5
831	8.824 866		8.825 837		1.174 163	9.999 028		169	6 67.8
832	8.824 979	113	8.825 951	114	1.174 049	9.999 028	0	168	7 79.1
833	8.825 092	113	8.826 065	114	1.173 935	9.999 027	1	167	8 90.4
		113		113			0		9 101.7
834	8.825 205		8.826 178		1.173 822	9.999 027		166	
835	8.825 318	113	8.826 292	114	1.173 708	9.999 026	1	165	
836	8.825 431	113	8.826 406	114	1.173 594	9.999 026	0	164	
		114		113			1		
837	8.825 545		8.826 519		1.173 481	9.999 025		163	
838	8.825 658	113	8.826 633	114	1.173 367	9.999 025	0	162	
839	8.825 770	112	8.826 746	113	1.173 254	9.999 024	1	161	112
		113		114			0		
.840	8.825 883		8.826 860		1.173 140	9.999 024		**.160**	1 11.2
		113		113			1		2 22.4
841	8.825 996		8.826 973		1.173 027	9.999 023		159	3 33.6
842	8.826 109	113	8.827 086	113	1.172 914	9.999 023	0	158	4 44.8
843	8.826 222	113	8.827 200	114	1.172 800	9.999 022	1	157	5 56.0
		113		113			0		6 67.2
844	8.826 335		8.827 313		1.172 687	9.999 022		156	7 78.4
845	8.826 448	113	8.827 426	113	1.172 574	9.999 021	1	155	8 89.6
846	8.826 560	112	8.827 540	114	1.172 460	9.999 021	0	154	9 100.8
		113		113			1		
847	8.826 673		8.827 653		1.172 347	9.999 020		153	
848	8.826 786	113	8.827 766	113	1.172 234	9.999 020	0	152	
849	8.826 899	113	8.827 879	113	1.172 121	9.999 019	1	151	
		112		113			0		
.850	8.827 011		8.827 992		1.172 008	9.999 019		**.150**	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

$86^\circ.200 - 86^\circ.150$

$3^\circ.850 - 3^\circ.900$

3°	sin	d	tang	d	cotg	cos	d		P.P.
.850	8.827 011		8.827 992		1.172 008	9.999 019		**.150**	
		113		114			1		
851	8.827 124		8.828 106		1.171 894	9.999 018		149	
852	8.827 236	112	8.828 219	113	1.171 781	9.999 018	0	148	
853	8.827 349	113	8.828 332	113	1.171 668	9.999 017	1	147	
		113		113			0		
854	8.827 462		8.828 445		1.171 555	9.999 017		146	
855	8.827 574	112	8.828 558	113	1.171 442	9.999 016	1	145	
856	8.827 687	113	8.828 671	113	1.171 329	9.999 016	0	144	
		112		113			1		
857	8.827 799		8.828 784		1.171 216	9.999 015		143	
858	8.827 911	112	8.828 897	113	1.171 103	9.999 015	0	142	
859	8.828 024	113	8.829 010	113	1.170 990	9.999 014	1	141	
		112		112			0		
.860	8.828 136		8.829 122		1.170 878	9.999 014		**.140**	
		112		113			1		
861	8.828 248		8.829 235		1.170 765	9.999 013		139	
862	8.828 361	113	8.829 348	113	1.170 652	9.999 013	0	138	
863	8.828 473	112	8.829 461	113	1.170 539	9.999 012	1	137	
		112		113			0		
864	8.828 585		8.829 574		1.170 426	9.999 012		136	
865	8.828 697	112	8.829 686	112	1.170 314	9.999 011	1	135	
866	8.828 810	113	8.829 799	113	1.170 201	9.999 011	0	134	
		112		113			1		
867	8.828 922		8.829 912		1.170 088	9.999 010		133	
868	8.829 034	112	8.830 024	112	1.169 976	9.999 010	0	132	
869	8.829 146	112	8.830 137	113	1.169 863	9.999 009	1	131	
		112		112			0		
.870	8.829 258		8.830 249		1.169 751	9.999 009		**.130**	
		112		113			1		
871	8.829 370		8.830 362		1.169 638	9.999 008		129	
872	8.829 482	112	8.830 475	113	1.169 525	9.999 008	0	128	
873	8.829 594	112	8.830 587	112	1.169 413	9.999 007	1	127	
		112		113			0		
874	8.829 706		8.830 700		1.169 300	9.999 007		126	
875	8.829 818	112	8.830 812	112	1.169 188	9.999 006	1	125	
876	8.829 930	112	8.830 924	112	1.169 076	9.999 005	1	124	
		112		113			0		
877	8.830 042		8.831 037		1.168 963	9.999 005		123	
878	8.830 154	112	8.831 149	112	1.168 851	9.999 004	1	122	
879	8.830 265	111	8.831 261	112	1.168 739	9.999 004	0	121	
		112		113			1		
.880	8.830 377		8.831 374		1.168 626	9.999 003		**.120**	
		112		112			0		
881	8.830 489		8.831 486		1.168 514	9.999 003		119	
882	8.830 601	112	8.831 598	112	1.168 402	9.999 002	1	118	
883	8.830 712	111	8.831 710	112	1.168 290	9.999 002	0	117	
		112		113			1		
884	8.830 824		8.831 823		1.168 177	9.999 001		116	
885	8.830 936	112	8.831 935	112	1.168 065	9.999 001	0	115	
886	8.831 047	111	8.832 047	112	1.167 953	9.999 000	1	114	
		112		112			0		
887	8.831 159		8.832 159		1.167 841	9.999 000		113	
888	8.831 270	111	8.832 271	112	1.167 729	9.998 999	1	112	
889	8.831 382	112	8.832 383	112	1.167 617	9.998 999	0	111	
		111		112			1		
.890	8.831 493		8.832 495		1.167 505	9.998 998		**.110**	
		112		112			0		
891	8.831 605		8.832 607		1.167 393	9.998 998		109	
892	8.831 716	111	8.832 719	112	1.167 281	9.998 997	1	108	
893	8.831 828	112	8.832 831	112	1.167 169	9.998 997	0	107	
		111		112			1		
894	8.831 939		8.832 943		1.167 057	9.998 996		106	
895	8.832 050	111	8.833 055	112	1.166 945	9.998 996	0	105	
896	8.832 162	112	8.833 166	111	1.166 834	9.998 995	1	104	
		111		112			0		
897	8.832 273		8.833 278		1.166 722	9.998 995		103	
898	8.832 384	111	8.833 390	112	1.166 610	9.998 994	1	102	
899	8.832 495	111	8.833 502	112	1.166 498	9.998 994	0	101	
		112		111			1		
.900	8.832 607		8.833 613		1.166 387	9.998 993		**.100**	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

	114
1	11.4
2	22.8
3	34.2
4	45.6
5	57.0
6	68.4
7	79.8
8	91.2
9	102.6

	113
1	11.3
2	22.6
3	33.9
4	45.2
5	56.5
6	67.8
7	79.1
8	90.4
9	101.7

	112
1	11.2
2	22.4
3	33.6
4	44.8
5	56.0
6	67.2
7	78.4
8	89.6
9	100.8

	111
1	11.1
2	22.2
3	33.3
4	44.4
5	55.5
6	66.6
7	77.7
8	88.8
9	99.9

$86^\circ.150 - 86^\circ.100$

$3^\circ.900 - 3^\circ.950$

3°	sin	d	tang	d	cotg	cos	d		P.P.
.900	8.832 607		8.833 613		1.166 387	9.998 993		.100	
		111		112			0		
901	8.832 718		8.833 725		1.166 275	9.998 993		099	
902	8.832 829	111	8.833 837	112	1.166 163	9.998 992	1	098	
903	8.832 940	111	8.833 948	111	1.166 052	9.998 992	0	097	
		111		112			1		112
904	8.833 051		8.834 060		1.165 940	9.998 991		096	1 11.2
905	8.833 162	111	8.834 172	112	1.165 828	9.998 991	0	095	2 22.4
906	8.833 273	111	8.834 283	111	1.165 717	9.998 990	1	094	3 33.6
		111		112			0		4 44.8
907	8.833 384		8.834 395		1.165 605	9.998 990		093	5 56.0
908	8.833 495	111	8.834 506	111	1.165 494	9.998 989	1	092	6 67.2
909	8.833 606	111	8.834 618	112	1.165 382	9.998 988	1	091	7 78.4
		111		111			0		8 89.6
.910	8.833 717		8.834 729		1.165 271	9.998 988		.090	9 100.8
		111		111			1		
911	8.833 828		8.834 840		1.165 160	9.998 987		089	
912	8.833 939	111	8.834 952	112	1.165 048	9.998 987	0	088	
913	8.834 050	111	8.835 063	111	1.164 937	9.998 986	1	087	
		110		111			0		
914	8.834 160		8.835 174		1.164 826	9.998 986		086	
915	8.834 271	111	8.835 286	112	1.164 714	9.998 985	1	085	
916	8.834 382	111	8.835 397	111	1.164 603	9.998 985	0	084	
		111		111			1		111
917	8.834 493		8.835 508		1.164 492	9.998 984		083	1 11.1
918	8.834 603	110	8.835 619	111	1.164 381	9.998 984	0	082	2 22.2
919	8.834 714	111	8.835 731	112	1.164 269	9.998 983	1	081	3 33.3
		111		111			0		4 44.4
.920	8.834 825		8.835 842		1.164 158	9.998 983		.080	5 55.5
		110		111			1		6 66.6
921	8.834 935		8.835 953		1.164 047	9.998 982		079	7 77.7
922	8.835 046	111	8.836 064	111	1.163 936	9.998 982	0	078	8 88.8
923	8.835 156	110	8.836 175	111	1.163 825	9.998 981	1	077	9 99.9
		111		111			0		
924	8.835 267		8.836 286		1.163 714	9.998 981		076	
925	8.835 377	110	8.836 397	111	1.163 603	9.998 980	1	075	
926	8.835 488	111	8.836 508	111	1.163 492	9.998 980	0	074	
		110		111			1		
927	8.835 598		8.836 619		1.163 381	9.998 979		073	110
928	8.835 709	111	8.836 730	111	1.163 270	9.998 979	0	072	
929	8.835 819	110	8.836 841	111	1.163 159	9.998 978	1	071	1 11.0
		110		111			0		2 22.0
.930	8.835 929		8.836 952		1.163 048	9.998 978		.070	3 33.0
		111		111			1		4 44.0
931	8.836 040		8.837 063		1.162 937	9.998 977		069	5 55.0
932	8.836 150	110	8.837 173	110	1.162 827	9.998 977	0	068	6 66.0
933	8.836 260	110	8.837 284	111	1.162 716	9.998 976	1	067	7 77.0
		110		111			1		8 88.0
934	8.836 370		8.837 395		1.162 605	9.998 975		066	9 99.0
935	8.836 481	111	8.837 506	111	1.162 494	9.998 975	0	065	
936	8.836 591	110	8.837 616	110	1.162 384	9.998 974	1	064	
		110		111			0		
937	8.836 701		8.837 727		1.162 273	9.998 974		063	
938	8.836 811	110	8.837 838	111	1.162 162	9.998 973	1	062	
939	8.836 921	110	8.837 948	110	1.162 052	9.998 973	0	061	109
		110		111			1		
.940	8.837 031		8.838 059		1.161 941	9.998 972		.060	1 10.9
		110		110			0		2 21.8
941	8.837 141		8.838 169		1.161 831	9.998 972		059	3 32.7
942	8.837 251	110	8.838 280	111	1.161 720	9.998 971	1	058	4 43.6
943	8.837 361	110	8.838 391	111	1.161 609	9.998 971	0	057	5 54.5
		110		110			1		6 65.4
944	8.837 471		8.838 501		1.161 499	9.998 970		056	7 76.3
945	8.837 581	110	8.838 611	110	1.161 389	9.998 970	0	055	8 87.2
946	8.837 691	110	8.838 722	111	1.161 278	9.998 969	1	054	9 98.1
		110		110			0		
947	8.837 801		8.838 832		1.161 168	9.998 969		053	
948	8.837 911	110	8.838 943	111	1.161 057	9.998 968	1	052	
949	8.838 021	110	8.839 053	110	1.160 947	9.998 968	0	051	
		109		110			1		
.950	8.838 130		8.839 163		1.160 837	9.998 967		.050	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

$86^\circ.100 - 86^\circ.050$

3°.950 — 4°.000

3°	sin	d	tang	d	cotg	cos	d		P.P.
.950	8.838 130		8.839 163		1.160 837	9.998 967		.050	
		110		111			0		
951	8.838 240		8.839 274		1.160 726	9.998 967		049	
		110		110			1		
952	8.838 350		8.839 384		1.160 616	9.998 966		048	
		110		110			0		
953	8.838 460		8.839 494		1.160 506	9.998 966		047	
		109		110			1		111
954	8.838 569		8.839 604		1.160 396	9.998 965		046	1 11.1
		110		110			0		2 22.2
955	8.838 679		8.839 714		1.160 286	9.998 965		045	3 33.3
		110		111			1		4 44.4
956	8.838 789		8.839 825		1.160 175	9.998 964		044	5 55.5
		109		110			1		6 66.6
957	8.838 898		8.839 935		1.160 065	9.998 963		043	7 77.7
		110		110			0		8 88.8
958	8.839 008		8.840 045		1.159 955	9.998 963		042	9 99.9
		109		110			1		
959	8.839 117		8.840 155		1.159 845	9.998 962		041	
		110		110			0		
.960	8.839 227		8.840 265		1.159 735	9.998 962		.040	
		109		110			1		
961	8.839 336		8.840 375		1.159 625	9.998 961		039	
		110		110			0		
962	8.839 446		8.840 485		1.159 515	9.998 961		038	
		109		110			1		
963	8.839 555		8.840 595		1.159 405	9.998 960		037	
		109		110			0		
964	8.839 664		8.840 705		1.159 295	9.998 960		036	
		110		110			1		
965	8.839 774		8.840 815		1.159 185	9.998 959		035	
		109		109			0		110
966	8.839 883		8.840 924		1.159 076	9.998 959		034	1 11.0
		110		110			1		2 22.0
967	8.839 993		8.841 034		1.158 966	9.998 958		033	3 33.0
		109		110			0		4 44.0
968	8.840 102		8.841 144		1.158 856	9.998 958		032	5 55.0
		109		110			1		6 66.0
969	8.840 211		8.841 254		1.158 746	9.998 957		031	7 77.0
		109		110			0		8 88.0
.970	8.840 320		8.841 364		1.158 636	9.998 957		.030	9 99.0
		110		109			1		
971	8.840 430		8.841 473		1.158 527	9.998 956		029	
		109		110			0		
972	8.840 539		8.841 583		1.158 417	9.998 956		028	
		109		110			1		
973	8.840 648		8.841 693		1.158 307	9.998 955		027	
		109		109			0		
974	8.840 757		8.841 802		1.158 198	9.998 955		026	
		109		110			1		
975	8.840 866		8.841 912		1.158 088	9.998 954		025	
		109		110			1		
976	8.840 975		8.842 022		1.157 978	9.998 953		024	
		109		109			0		
977	8.841 084		8.842 131		1.157 869	9.998 953		023	109
		109		110			1		
978	8.841 193		8.842 241		1.157 759	9.998 952		022	1 10.9
		109		109			0		2 21.8
979	8.841 302		8.842 350		1.157 650	9.998 952		021	3 32.7
		109		110			1		4 43.6
.980	8.841 411		8.842 460		1.157 540	9.998 951		.020	5 54.5
		109		109			0		6 65.4
981	8.841 520		8.842 569		1.157 431	9.998 951		019	7 76.3
		109		110			1		8 87.2
982	8.841 629		8.842 679		1.157 321	9.998 950		018	9 98.1
		109		109			0		
983	8.841 738		8.842 788		1.157 212	9.998 950		017	
		109		109			1		
984	8.841 847		8.842 897		1.157 103	9.998 949		016	
		108		110			0		
985	8.841 955		8.843 007		1.156 993	9.998 949		015	
		109		109			1		
986	8.842 064		8.843 116		1.156 884	9.998 948		014	
		109		109			0		
987	8.842 173		8.843 225		1.156 775	9.998 948		013	
		109		110			1		
988	8.842 282		8.843 335		1.156 665	9.998 947		012	
		109		109			0		
989	8.842 391		8.843 444		1.156 556	9.998 947		011	108
		108		109			1		
.990	8.842 499		8.843 553		1.156 447	9.998 946		.010	1 10.8
		109		109			0		2 21.6
991	8.842 608		8.843 662		1.156 338	9.998 946		009	3 32.4
		108		109			1		4 43.2
992	8.842 716		8.843 771		1.156 229	9.998 945		008	5 54.0
		109		110			1		6 64.8
993	8.842 825		8.843 881		1.156 119	9.998 944		007	7 75.6
		109		109			0		8 86.4
994	8.842 934		8.843 990		1.156 010	9.998 944		006	9 97.2
		108		109			1		
995	8.843 042		8.844 099		1.155 901	9.998 943		005	
		109		109			0		
996	8.843 151		8.844 208		1.155 792	9.998 943		004	
		108		109			1		
997	8.843 259		8.844 317		1.155 683	9.998 942		003	
		109		109			0		
998	8.843 368		8.844 426		1.155 574	9.998 942		002	
		108		109			1		
999	8.843 476		8.844 535		1.155 465	9.998 941		001	
		109		109			0		
*000	8.843 585		8.844 644		1.155 356	9.998 941		.000	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

86°.050 — 86°.000

4°.000 — 4°.050

4°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.843 585		8.844 644		1.155 356	9.998 941		***000**	
		108		109			1		
001	8.843 693		8.844 753		1.155 247	9.998 940		999	
002	8.843 801	108	8.844 862	109	1.155 138	9.998 940	0	998	
003	8.843 910	109	8.844 970	108	1.155 030	9.998 939	1	997	
		108		109			0		
004	8.844 018		8.845 079		1.154 921	9.998 939		996	
005	8.844 126	108	8.845 188	109	1.154 812	9.998 938	1	995	
006	8.844 234	108	8.845 297	109	1.154 703	9.998 938	0	994	
		109		109			1		109
007	8.844 343		8.845 406		1.154 594	9.998 937		993	1 10.9
008	8.844 451	108	8.845 514	108	1.154 486	9.998 937	0	992	2 21.8
009	8.844 559	108	8.845 623	109	1.154 377	9.998 936	1	991	3 32.7
		108		109			1		4 43.6
.010	8.844 667		8.845 732		1.154 268	9.998 935		**.990**	5 54.5
		108		108			0		6 65.4
011	8.844 775		8.845 840		1.154 160	9.998 935		989	7 76.3
012	8.844 883	108	8.845 949	109	1.154 051	9.998 934	1	988	8 87.2
013	8.844 991	108	8.846 058	109	1.153 942	9.998 934	0	987	9 98.1
		108		108			1		
014	8.845 099		8.846 166		1.153 834	9.998 933		986	
015	8.845 207	108	8.846 275	109	1.153 725	9.998 933	0	985	
016	8.845 315	108	8.846 383	108	1.153 617	9.998 932	1	984	
		108		109			0		
017	8.845 423		8.846 492		1.153 508	9.998 932		983	
018	8.845 531	108	8.846 600	108	1.153 400	9.998 931	1	982	
019	8.845 639	108	8.846 708	108	1.153 292	9.998 931	0	981	
		108		109			1		
.020	8.845 747		8.846 817		1.153 183	9.998 930		**.980**	
		108		108			0		
021	8.845 855		8.846 925		1.153 075	9.998 930		979	108
022	8.845 963	108	8.847 034	109	1.152 966	9.998 929	1	978	
023	8.846 070	107	8.847 142	108	1.152 858	9.998 929	0	977	1 10.8
		108		108			1		2 21.6
024	8.846 178		8.847 250		1.152 750	9.998 928		976	3 32.4
025	8.846 286	108	8.847 358	108	1.152 642	9.998 927	1	975	4 43.2
026	8.846 394	108	8.847 467	109	1.152 533	9.998 927	0	974	5 54.0
		107		108			1		6 64.8
027	8.846 501		8.847 575		1.152 425	9.998 926		973	7 75.6
028	8.846 609	108	8.847 683	108	1.152 317	9.998 926	0	972	8 86.4
029	8.846 717	108	8.847 791	108	1.152 209	9.998 925	1	971	9 97.2
		107		108			0		
.030	8.846 824		8.847 899		1.152 101	9.998 925		**.970**	
		108		109			1		
031	8.846 932		8.848 008		1.151 992	9.998 924		969	
032	8.847 039	107	8.848 116	108	1.151 884	9.998 924	0	968	
033	8.847 147	108	8.848 224	108	1.151 776	9.998 923	1	967	
		107		108			0		
034	8.847 254		8.848 332		1.151 668	9.998 923		966	
035	8.847 362	108	8.848 440	108	1.151 560	9.998 922	1	965	
036	8.847 469	107	8.848 548	108	1.151 452	9.998 922	0	964	107
		108		108			1		
037	8.847 577		8.848 656		1.151 344	9.998 921		963	1 10.7
038	8.847 684	107	8.848 764	108	1.151 236	9.998 921	0	962	2 21.4
039	8.847 791	107	8.848 871	107	1.151 129	9.998 920	1	961	3 32.1
		108		108			1		4 42.8
.040	8.847 899		8.848 979		1.151 021	9.998 919		**.960**	5 53.5
		107		108			0		6 64.2
041	8.848 006		8.849 087		1.150 913	9.998 919		959	7 74.9
042	8.848 113	107	8.849 195	108	1.150 805	9.998 918	1	958	8 85.6
043	8.848 221	108	8.849 303	108	1.150 697	9.998 918	0	957	9 96.3
		107		108			1		
044	8.848 328		8.849 411		1.150 589	9.998 917		956	
045	8.848 435	107	8.849 518	107	1.150 482	9.998 917	0	955	
046	8.848 542	107	8.849 626	108	1.150 374	9.998 916	1	954	
		107		108			0		
047	8.848 649		8.849 734		1.150 266	9.998 916		953	
048	8.848 757	108	8.849 841	107	1.150 159	9.998 915	1	952	
049	8.848 864	107	8.849 949	108	1.150 051	9.998 915	0	951	
		107		108			1		
.050	8.848 971		8.850 057		1.149 943	9.998 914		**.950**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

86°.000 — 85°.950

4°.050 — 4°.100

4°	sin	d	tang	d	cotg	cos	d		P.P.
.050	8.848 971		8.850 057		1.149 943	9.998 914		**.950**	
		107		107			0		
051	8.849 078		8.850 164		1.149 836	9.998 914		949	
052	8.849 185	107	8.850 272	108	1.149 728	9.998 913	1	948	
053	8.849 292	107	8.850 379	107	1.149 621	9.998 913	0	947	
		107		108			1		108
054	8.849 399		8.850 487		1.149 513	9.998 912		946	1 10.8
055	8.849 506	107	8.850 594	107	1.149 406	9.998 911	1	945	2 21.6
056	8.849 613	107	8.850 702	108	1.149 298	9.998 911	0	944	3 32.4
		106		107			1		4 43.2
057	8.849 719		8.850 809		1.149 191	9.998 910		943	5 54.0
058	8.849 826	107	8.850 916	107	1.149 084	9.998 910	0	942	6 64.8
059	8.849 933	107	8.851 024	108	1.148 976	9.998 909	1	941	7 75.6
		107		107			0		8 86.4
.060	8.850 040		8.851 131		1.148 869	9.998 909		**.940**	9 97.2
		107		107			1		
061	8.850 147		8.851 238		1.148 762	9.998 908		939	
062	8.850 253	106	8.851 346	108	1.148 654	9.998 908	0	938	
063	8.850 360	107	8.851 453	107	1.148 547	9.998 907	1	937	
		107		107			0		
064	8.850 467		8.851 560		1.148 440	9.998 907		936	
065	8.850 574	107	8.851 667	107	1.148 333	9.998 906	1	935	
066	8.850 680	106	8.851 775	108	1.148 225	9.998 906	0	934	
		107		107			1		
067	8.850 787		8.851 882		1.148 118	9.998 905		933	
068	8.850 893	106	8.851 989	107	1.148 011	9.998 904	1	932	
069	8.851 000	107	8.852 096	107	1.147 904	9.998 904	0	931	
		106		107			1		
.070	8.851 106		8.852 203		1.147 797	9.998 903		**.930**	
		107		107			0		
071	8.851 213		8.852 310		1.147 690	9.998 903		929	
072	8.851 319	106	8.852 417	107	1.147 583	9.998 902	1	928	
073	8.851 426	107	8.852 524	107	1.147 476	9.998 902	0	927	
		106		107			1		
074	8.851 532		8.852 631		1.147 369	9.998 901		926	
075	8.851 639	107	8.852 738	107	1.147 262	9.998 901	0	925	
076	8.851 745	106	8.852 845	107	1.147 155	9.998 900	1	924	
		107		107			0		
077	8.851 852		8.852 952		1.147 048	9.998 900		923	
078	8.851 958	106	8.853 059	107	1.146 941	9.998 899	1	922	
079	8.852 064	106	8.853 166	107	1.146 834	9.998 899	0	921	
		106		106			1		
.080	8.852 170		8.853 272		1.146 728	9.998 898		**.920**	
		107		107			1		
081	8.852 277		8.853 379		1.146 621	9.998 897		919	
082	8.852 383	106	8.853 486	107	1.146 514	9.998 897	0	918	
083	8.852 489	106	8.853 593	107	1.146 407	9.998 896	1	917	
		106		106			0		
084	8.852 595		8.853 699		1.146 301	9.998 896		916	
085	8.852 701	106	8.853 806	107	1.146 194	9.998 895	1	915	
086	8.852 808	107	8.853 913	107	1.146 087	9.998 895	0	914	
		106		106			1		
087	8.852 914		8.854 019		1.145 981	9.998 894		913	
088	8.853 020	106	8.854 126	107	1.145 874	9.998 894	0	912	
089	8.853 126	106	8.854 233	107	1.145 767	9.998 893	1	911	
		106		106			0		105
.090	8.853 232		8.854 339		1.145 661	9.998 893		**.910**	1 10.5
		106		107			1		2 21.0
091	8.853 338		8.854 446		1.145 554	9.998 892		909	3 31.5
092	8.853 444	106	8.854 552	106	1.145 448	9.998 891	1	908	4 42.0
093	8.853 550	106	8.854 659	107	1.145 341	9.998 891	0	907	5 52.5
		106		106			1		6 63.0
094	8.853 656		8.854 765		1.145 235	9.998 890		906	7 73.5
095	8.853 761	105	8.854 872	107	1.145 128	9.998 890	0	905	8 84.0
096	8.853 867	106	8.854 978	106	1.145 022	9.998 889	1	904	9 94.5
		106		106			0		
097	8.853 973		8.855 084		1.144 916	9.998 889		903	
098	8.854 079	106	8.855 191	107	1.144 809	9.998 888	1	902	
099	8.854 185	106	8.855 297	106	1.144 703	9.998 888	0	901	
		106		106			1		
.100	8.854 291		8.855 403		1.144 597	9.998 887		**.900**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

85°.950 — 85°.900

$4^\circ.100 - 4^\circ.150$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.100	8.854 291		8.855 403		1.144 597	9.998 887		**.900**	
		105		107			0		
101	8.854 396		8.855 510		1.144 490	9.998 887		899	
102	8.854 502	106	8.855 616	106	1.144 384	9.998 886	1	898	
103	8.854 608	106	8.855 722	106	1.144 278	9.998 885	1	897	
		105		106			0		107
104	8.854 713		8.855 828		1.144 172	9.998 885		896	1 10.7
105	8.854 819	106	8.855 935	107	1.144 065	9.998 884	1	895	2 21.4
106	8.854 925	106	8.856 041	106	1.143 959	9.998 884	0	894	3 32.1
		105		106			1		4 42.8
107	8.855 030		8.856 147		1.143 853	9.998 883		893	5 53.5
108	8.855 136	106	8.856 253	106	1.143 747	9.998 883	0	892	6 64.2
109	8.855 241	105	8.856 359	106	1.143 641	9.998 882	1	891	7 74.9
		106		106			0		8 85.6
.110	8.855 347		8.856 465		1.143 535	9.998 882		**.890**	9 96.3
		105		106			1		
111	8.855 452		8.856 571		1.143 429	9.998 881		889	
112	8.855 558	106	8.856 677	106	1.143 323	9.998 881	0	888	
113	8.855 663	105	8.856 783	106	1.143 217	9.998 880	1	887	
		105		106			0		
114	8.855 768		8.856 889		1.143 111	9.998 880		886	
115	8.855 874	106	8.856 995	106	1.143 005	9.998 879	1	885	106
116	8.855 979	105	8.857 101	106	1.142 899	9.998 878	1	884	
		105		106			0		1 10.6
117	8.856 084		8.857 207		1.142 793	9.998 878		883	2 21.2
118	8.856 190	106	8.857 312	105	1.142 688	9.998 877	1	882	3 31.8
119	8.856 295	105	8.857 418	106	1.142 582	9.998 877	0	881	4 42.4
		105		106			1		5 53.0
.120	8.856 400		8.857 524		1.142 476	9.998 876		**.880**	6 63.6
		105		106			0		7 74.2
121	8.856 505		8.857 630		1.142 370	9.998 876		879	8 84.8
122	8.856 611	106	8.857 736	106	1.142 264	9.998 875	1	878	9 95.4
123	8.856 716	105	8.857 841	105	1.142 159	9.998 875	0	877	
		105		106			1		
124	8.856 821		8.857 947		1.142 053	9.998 874		876	
125	8.856 926	105	8.858 053	106	1.141 947	9.998 873	1	875	
126	8.857 031	105	8.858 158	105	1.141 842	9.998 873	0	874	
		105		106			1		105
127	8.857 136		8.858 264		1.141 736	9.998 872		873	
128	8.857 241	105	8.858 369	105	1.141 631	9.998 872	0	872	1 10.5
129	8.857 346	105	8.858 475	106	1.141 525	9.998 871	1	871	2 21.0
		105		106			0		3 31.5
.130	8.857 451		8.858 581		1.141 419	9.998 871		**.870**	4 42.0
		105		105			1		5 52.5
131	8.857 556		8.858 686		1.141 314	9.998 870		869	6 63.0
132	8.857 661	105	8.858 791	105	1.141 209	9.998 870	0	868	7 73.5
133	8.857 766	105	8.858 897	106	1.141 103	9.998 869	1	867	8 84.0
		105		105			0		9 94.5
134	8.857 871		8.859 002		1.140 998	9.998 869		866	
135	8.857 976	105	8.859 108	106	1.140 892	9.998 868	1	865	
136	8.858 081	105	8.859 213	105	1.140 787	9.998 867	1	864	
		104		106			0		
137	8.858 185		8.859 319		1.140 681	9.998 867		863	
138	8.858 290	105	8.859 424	105	1.140 576	9.998 866	1	862	
139	8.858 395	105	8.859 529	105	1.140 471	9.998 866	0	861	104
		105		105			1		
.140	8.858 500		8.859 634		1.140 366	9.998 865		**.860**	1 10.4
		104		106			0		2 20.8
141	8.858 604		8.859 740		1.140 260	9.998 865		859	3 31.2
142	8.858 709	105	8.859 845	105	1.140 155	9.998 864	1	858	4 41.6
143	8.858 814	105	8.859 950	105	1.140 050	9.998 864	0	857	5 52.0
		104		105			1		6 62.4
144	8.858 918		8.860 055		1.139 945	9.998 863		856	7 72.8
145	8.859 023	105	8.860 160	105	1.139 840	9.998 863	0	855	8 83.2
146	8.859 128	105	8.860 266	106	1.139 734	9.998 862	1	854	9 93.6
		104		105			1		
147	8.859 232		8.860 371		1.139 629	9.998 861		853	
148	8.859 337	105	8.860 476	105	1.139 524	9.998 861	0	852	
149	8.859 441	104	8.860 581	105	1.139 419	9.998 860	1	851	
		105		105			0		
.150	8.859 546		8.860 686		1.139 314	9.998 860		**.850**	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

$85^\circ.900 - 85^\circ.850$

4°.150 — 4°.200

4°	sin	d	tang	d	cotg	cos	d		P.P.
.150	8.859 546		8.860 686		1.139 314	9.998 860		**.850**	
		104		105			1		
151	8.859 650		8.860 791		1.139 209	9.998 859		849	
152	8.859 755	105	8.860 896	105	1.139 104	9.998 859	0	848	
153	8.859 859	104	8.861 001	105	1.138 999	9.998 858	1	847	
		104		105			0		
154	8.859 963		8.861 106		1.138 894	9.998 858		846	
155	8.860 068	105	8.861 211	105	1.138 789	9.998 857	1	845	
156	8.860 172	104	8.861 316	105	1.138 684	9.998 856	1	844	
		104		104			0		
157	8.860 276		8.861 420		1.138 580	9.998 856		843	
158	8.860 381	105	8.861 525	105	1.138 475	9.998 855	1	842	
159	8.860 485	104	8.861 630	105	1.138 370	9.998 855	0	841	
		104		105			1		
.160	8.860 589		8.861 735		1.138 265	9.998 854		**.840**	
		104		105			0		
161	8.860 693		8.861 840		1.138 160	9.998 854		839	
162	8.860 797	104	8.861 944	104	1.138 056	9.998 853	1	838	
163	8.860 902	105	8.862 049	105	1.137 951	9.998 853	0	837	
		104		105			1		
164	8.861 006		8.862 154		1.137 846	9.998 852		836	
165	8.861 110	104	8.862 258	104	1.137 742	9.998 852	0	835	
166	8.861 214	104	8.862 363	105	1.137 637	9.998 851	1	834	
		104		105			1		
167	8.861 318		8.862 468		1.137 532	9.998 850		833	
168	8.861 422	104	8.862 572	104	1.137 428	9.998 850	0	832	
169	8.861 526	104	8.862 677	105	1.137 323	9.998 849	1	831	
		104		104			0		
.170	8.861 630		8.862 781		1.137 219	9.998 849		**.830**	
		104		105			1		
171	8.861 734		8.862 886		1.137 114	9.998 848		829	
172	8.861 838	104	8.862 990	104	1.137 010	9.998 848	0	828	
173	8.861 942	104	8.863 095	105	1.136 905	9.998 847	1	827	
		104		104			0		
174	8.862 046		8.863 199		1.136 801	9.998 847		826	
175	8.862 149	103	8.863 303	104	1.136 697	9.998 846	1	825	
176	8.862 253	104	8.863 408	105	1.136 592	9.998 845	1	824	
		104		104			0		
177	8.862 357		8.863 512		1.136 488	9.998 845		823	
178	8.862 461	104	8.863 617	105	1.136 383	9.998 844	1	822	
179	8.862 565	104	8.863 721	104	1.136 279	9.998 844	0	821	
		103		104			1		
.180	8.862 668		8.863 825		1.136 175	9.998 843		**.820**	
		104		104			0		
181	8.862 772		8.863 929		1.136 071	9.998 843		819	
182	8.862 876	104	8.864 034	105	1.135 966	9.998 842	1	818	
183	8.862 979	103	8.864 138	104	1.135 862	9.998 842	0	817	
		104		104			1		
184	8.863 083		8.864 242		1.135 758	9.998 841		816	
185	8.863 187	104	8.864 346	104	1.135 654	9.998 840	1	815	
186	8.863 290	103	8.864 450	104	1.135 550	9.998 840	0	814	
		104		104			1		
187	8.863 394		8.864 554		1.135 446	9.998 839		813	
188	8.863 497	103	8.864 658	104	1.135 342	9.998 839	0	812	
189	8.863 601	104	8.864 763	105	1.135 237	9.998 838	1	811	
		103		104			0		
.190	8.863 704		8.864 867		1.135 133	9.998 838		**.810**	
		104		104			1		
191	8.863 808		8.864 971		1.135 029	9.998 837		809	
192	8.863 911	103	8.865 075	104	1.134 925	9.998 837	0	808	
193	8.864 015	104	8.865 178	103	1.134 822	9.998 836	1	807	
		103		104			1		
194	8.864 118		8.865 282		1.134 718	9.998 835		806	
195	8.864 221	103	8.865 386	104	1.134 614	9.998 835	0	805	
196	8.864 325	104	8.865 490	104	1.134 510	9.998 834	1	804	
		103		104			0		
197	8.864 428		8.865 594		1.134 406	9.998 834		803	
198	8.864 531	103	8.865 698	104	1.134 302	9.998 833	1	802	
199	8.864 634	103	8.865 802	104	1.134 198	9.998 833	0	801	
		104		104			1		
.200	8.864 738		8.865 906		1.134 094	9.998 832		**.800**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	105
1	10.5
2	21.0
3	31.5
4	42.0
5	52.5
6	63.0
7	73.5
8	84.0
9	94.5

	104
1	10.4
2	20.8
3	31.2
4	41.6
5	52.0
6	62.4
7	72.8
8	83.2
9	93.6

	103
1	10.3
2	20.6
3	30.9
4	41.2
5	51.5
6	61.8
7	72.1
8	82.4
9	92.7

85°.850 — 85°.800

$4^\circ.200$ — $4^\circ.250$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.864 738		8.865 906		1.134 094	9.998 832		**.800**	
		103		103			0		
201	8.864 841		8.866 009		1.133 991	9.998 832		799	
202	8.864 944	103	8.866 113	104	1.133 887	9.998 831	1	798	
203	8.865 047	103	8.866 217	104	1.133 783	9.998 830	1	797	
		103		103			0		
204	8.865 150		8.866 320		1.133 680	9.998 830		796	
205	8.865 253	103	8.866 424	104	1.133 576	9.998 829	1	795	
206	8.865 357	104	8.866 528	104	1.133 472	9.998 829	0	794	
		103		103			1		
207	8.865 460		8.866 631		1.133 369	9.998 828		793	
208	8.865 563	103	8.866 735	104	1.133 265	9.998 828	0	792	
209	8.865 666	103	8.866 839	104	1.133 161	9.998 827	1	791	
		103		103			0		
.210	8.865 769		8.866 942		1.133 058	9.998 827		**.790**	
		103		104			1		
211	8.865 872		8.867 046		1.132 954	9.998 826		789	
212	8.865 974	102	8.867 149	103	1.132 851	9.998 825	1	788	
213	8.866 077	103	8.867 253	104	1.132 747	9.998 825	0	787	
		103		103			1		
214	8.866 180		8.867 356		1.132 644	9.998 824		786	
215	8.866 283	103	8.867 459	103	1.132 541	9.998 824	0	785	
216	8.866 386	103	8.867 563	104	1.132 437	9.998 823	1	784	
		103		103			0		
217	8.866 489		8.867 666		1.132 334	9.998 823		783	
218	8.866 592	103	8.867 770	104	1.132 230	9.998 822	1	782	
219	8.866 694	102	8.867 873	103	1.132 127	9.998 822	0	781	
		103		103			1		
.220	8.866 797		8.867 976		1.132 024	9.998 821		**.780**	
		103		103			1		
221	8.866 900		8.868 079		1.131 921	9.998 820		779	
222	8.867 002	102	8.868 183	104	1.131 817	9.998 820	0	778	
223	8.867 105	103	8.868 286	103	1.131 714	9.998 819	1	777	
		103		103			0		
224	8.867 208		8.868 389		1.131 611	9.998 819		776	
225	8.867 310	102	8.868 492	103	1.131 508	9.998 818	1	775	
226	8.867 413	103	8.868 595	103	1.131 405	9.998 818	0	774	
		103		104			1		
227	8.867 516		8.868 699		1.131 301	9.998 817		773	
228	8.867 618	102	8.868 802	103	1.131 198	9.998 816	1	772	
229	8.867 721	103	8.868 905	103	1.131 095	9.998 816	0	771	
		102		103			1		
.230	8.867 823		8.869 008		1.130 992	9.998 815		**.770**	
		103		103			0		
231	8.867 926		8.869 111		1.130 889	9.998 815		769	
232	8.868 028	102	8.869 214	103	1.130 786	9.998 814	1	768	
233	8.868 130	102	8.869 317	103	1.130 683	9.998 814	0	767	
		103		103			1		
234	8.868 233		8.869 420		1.130 580	9.998 813		766	
235	8.868 335	102	8.869 523	103	1.130 477	9.998 813	0	765	
236	8.868 438	103	8.869 626	103	1.130 374	9.998 812	1	764	
		102		102			1		
237	8.868 540		8.869 728		1.130 272	9.998 811		763	
238	8.868 642	102	8.869 831	103	1.130 169	9.998 811	0	762	
239	8.868 745	103	8.869 934	103	1.130 066	9.998 810	1	761	
		102		103			0		
.240	8.868 847		8.870 037		1.129 963	9.998 810		**.760**	
		102		103			1		
241	8.868 949		8.870 140		1.129 860	9.998 809		759	
242	8.869 051	102	8.870 243	103	1.129 757	9.998 809	0	758	
243	8.869 153	102	8.870 345	102	1.129 655	9.998 808	1	757	
		103		103			0		
244	8.869 256		8.870 448		1.129 552	9.998 808		756	
245	8.869 358	102	8.870 551	103	1.129 449	9.998 807	1	755	
246	8.869 460	102	8.870 653	102	1.129 347	9.998 806	1	754	
		102		103			0		
247	8.869 562		8.870 756		1.129 244	9.998 806		753	
248	8.869 664	102	8.870 859	103	1.129 141	9.998 805	1	752	
249	8.869 766	102	8.870 961	102	1.129 039	9.998 805	0	751	
		102		103			1		
.250	8.869 868		8.871 064		1.128 936	9.998 804		**.750**	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

	104
1	10.4
2	20.8
3	31.2
4	41.6
5	52.0
6	62.4
7	72.8
8	83.2
9	93.6

	103
1	10.3
2	20.6
3	30.9
4	41.2
5	51.5
6	61.8
7	72.1
8	82.4
9	92.7

	102
1	10.2
2	20.4
3	30.6
4	40.8
5	51.0
6	61.2
7	71.4
8	81.6
9	91.8

$85^\circ.800$ — $85^\circ.750$

$4^\circ.250 - 4^\circ.300$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.869 868		8.871 064		1.128 936	9.998 804		**.750**	
		102		102			0		
251	8.869 970		8.871 166		1.128 834	9.998 804		749	
252	8.870 072	102	8.871 269	103	1.128 731	9.998 803	1	748	
253	8.870 174	102	8.871 371	102	1.128 629	9.998 802	1	747	
		102		103			0		103
254	8.870 276		8.871 474		1.128 526	9.998 802		746	1 10.3
255	8.870 378	102	8.871 576	102	1.128 424	9.998 801	1	745	2 20.6
256	8.870 480	102	8.871 679	103	1.128 321	9.998 801	0	744	3 30.9
		101		102			1		4 41.2
257	8.870 581		8.871 781		1.128 219	9.998 800		743	5 51.5
258	8.870 683	102	8.871 884	103	1.128 116	9.998 800	0	742	6 61.8
259	8.870 785	102	8.871 986	102	1.128 014	9.998 799	1	741	7 72.1
		102		102			1		8 82.4
.260	8.870 887		8.872 088		1.127 912	9.998 798		**.740**	9 92.7
		102		103			0		
261	8.870 989		8.872 191		1.127 809	9.998 798		739	
262	8.871 090	101	8.872 293	102	1.127 707	9.998 797	1	738	
263	8.871 192	102	8.872 395	102	1.127 605	9.998 797	0	737	
		102		102			1		
264	8.871 294		8.872 497		1.127 503	9.998 796		736	
265	8.871 395	101	8.872 600	103	1.127 400	9.998 796	0	735	
266	8.871 497	102	8.872 702	102	1.127 298	9.998 795	1	734	102
		101		102			0		1 10.2
267	8.871 598		8.872 804		1.127 196	9.998 795		733	2 20.4
268	8.871 700	102	8.872 906	102	1.127 094	9.998 794	1	732	3 30.6
269	8.871 802	102	8.873 008	102	1.126 992	9.998 793	1	731	4 40.8
		101		102			0		5 51.0
.270	8.871 903		8.873 110		1.126 890	9.998 793		**.730**	6 61.2
		102		102			1		7 71.4
271	8.872 005		8.873 212		1.126 788	9.998 792		729	8 81.6
272	8.872 106	101	8.873 314	102	1.126 686	9.998 792	0	728	9 91.8
273	8.872 208	102	8.873 416	102	1.126 584	9.998 791	1	727	
		101		102			0		
274	8.872 309		8.873 518		1.126 482	9.998 791		726	
275	8.872 410	101	8.873 620	102	1.126 380	9.998 790	1	725	
276	8.872 512	102	8.873 722	102	1.126 278	9.998 789	1	724	
		101		102			0		
277	8.872 613		8.873 824		1.126 176	9.998 789		723	101
278	8.872 715	102	8.873 926	102	1.126 074	9.998 788	1	722	
279	8.872 816	101	8.874 028	102	1.125 972	9.998 788	0	721	1 10.1
		101		102			1		2 20.2
.280	8.872 917		8.874 130		1.125 870	9.998 787		**.720**	3 30.3
		101		102			0		4 40.4
281	8.873 018		8.874 232		1.125 768	9.998 787		719	5 50.5
282	8.873 120	102	8.874 334	102	1.125 666	9.998 786	1	718	6 60.6
283	8.873 221	101	8.874 435	101	1.125 565	9.998 785	1	717	7 70.7
		101		102			0		8 80.8
284	8.873 322		8.874 537		1.125 463	9.998 785		716	9 90.9
285	8.873 423	101	8.874 639	102	1.125 361	9.998 784	1	715	
286	8.873 524	101	8.874 741	102	1.125 259	9.998 784	0	714	
		102		101			1		
287	8.873 626		8.874 842		1.125 158	9.998 783		713	
288	8.873 727	101	8.874 944	102	1.125 056	9.998 783	0	712	
289	8.873 828	101	8.875 046	102	1.124 954	9.998 782	1	711	100
		101		101			1		
.290	8.873 929		8.875 147		1.124 853	9.998 781		**.710**	1 10.0
		101		102			0		2 20.0
291	8.874 030		8.875 249		1.124 751	9.998 781		709	3 30.0
292	8.874 131	101	8.875 350	101	1.124 650	9.998 780	1	708	4 40.0
293	8.874 232	101	8.875 452	102	1.124 548	9.998 780	0	707	5 50.0
		101		102			1		6 60.0
294	8.874 333		8.875 554		1.124 446	9.998 779		706	7 70.0
295	8.874 434	101	8.875 655	101	1.124 345	9.998 779	0	705	8 80.0
296	8.874 535	101	8.875 757	102	1.124 243	9.998 778	1	704	9 90.0
		101		101			0		
297	8.874 636		8.875 858		1.124 142	9.998 778		703	
298	8.874 736	100	8.875 959	101	1.124 041	9.998 777	1	702	
299	8.874 837	101	8.876 061	102	1.123 939	9.998 776	1	701	
		101		101			0		
.300	8.874 938		8.876 162		1.123 838	9.998 776		**.700**	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

$85^\circ.750 - 85^\circ.700$

$4^\circ.300 - 4^\circ.350$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.300	8.874 938		8.876 162		1.123 838	9.998 776		**.700**	
		101		102			1		
301	8.875 039		8.876 264		1.123 736	9.998 775		699	
302	8.875 140	101	8.876 365	101	1.123 635	9.998 775	0	698	
303	8.875 240	100	8.876 466	101	1.123 534	9.998 774	1	697	
		101		102			0		102
304	8.875 341		8.876 568		1.123 432	9.998 774		696	1 10.2
305	8.875 442	101	8.876 669	101	1.123 331	9.998 773	1	695	2 20.4
306	8.875 542	100	8.876 770	101	1.123 230	9.998 772	1	694	3 30.6
		101		101			0		4 40.8
307	8.875 643		8.876 871		1.123 129	9.998 772		693	5 51.0
308	8.875 744	101	8.876 973	102	1.123 027	9.998 771	1	692	6 61.2
309	8.875 844	100	8.877 074	101	1.122 926	9.998 771	0	691	7 71.4
		101		101			1		8 81.6
.310	8.875 945		8.877 175		1.122 825	9.998 770		**.690**	9 91.8
		101		101			0		
311	8.876 046		8.877 276		1.122 724	9.998 770		689	
312	8.876 146	100	8.877 377	101	1.122 623	9.998 769	1	688	
313	8.876 247	101	8.877 478	101	1.122 522	9.998 768	1	687	
		100		101			0		
314	8.876 347		8.877 579		1.122 421	9.998 768		686	
315	8.876 448	101	8.877 680	101	1.122 320	9.998 767	1	685	
316	8.876 548	100	8.877 781	101	1.122 219	9.998 767	0	684	
		100		101			1		101
317	8.876 648		8.877 882		1.122 118	9.998 766		683	1 10.1
318	8.876 749	101	8.877 983	101	1.122 017	9.998 766	0	682	2 20.2
319	8.876 849	100	8.878 084	101	1.121 916	9.998 765	1	681	3 30.3
		101		101			1		4 40.4
.320	8.876 950		8.878 185		1.121 815	9.998 764		**.680**	5 50.5
		100		101			0		6 60.6
321	8.877 050		8.878 286		1.121 714	9.998 764		679	7 70.7
322	8.877 150	100	8.878 387	101	1.121 613	9.998 763	1	678	8 80.8
323	8.877 250	100	8.878 488	101	1.121 512	9.998 763	0	677	9 90.9
		101		101			1		
324	8.877 351		8.878 589		1.121 411	9.998 762		676	
325	8.877 451	100	8.878 689	100	1.121 311	9.998 762	0	675	
326	8.877 551	100	8.878 790	101	1.121 210	9.998 761	1	674	
		100		101			1		
327	8.877 651		8.878 891		1.121 109	9.998 760		673	100
328	8.877 752	101	8.878 992	101	1.121 008	9.998 760	0	672	
329	8.877 852	100	8.879 092	100	1.120 908	9.998 759	1	671	1 10.0
		100		101			0		2 20.0
.330	8.877 952		8.879 193		1.120 807	9.998 759		**.670**	3 30.0
		100		101			1		4 40.0
331	8.878 052		8.879 294		1.120 706	9.998 758		669	5 50.0
332	8.878 152	100	8.879 394	100	1.120 606	9.998 757	1	668	6 60.0
333	8.878 252	100	8.879 495	101	1.120 505	9.998 757	0	667	7 70.0
		100		101			1		8 80.0
334	8.878 352		8.879 596		1.120 404	9.998 756		666	9 90.0
335	8.878 452	100	8.879 696	100	1.120 304	9.998 756	0	665	
336	8.878 552	100	8.879 797	101	1.120 203	9.998 755	1	664	
		100		100			0		
337	8.878 652		8.879 897		1.120 103	9.998 755		663	
338	8.878 752	100	8.879 998	101	1.120 002	9.998 754	1	662	
339	8.878 852	100	8.880 098	100	1.119 902	9.998 753	1	661	99
		100		101			0		
.340	8.878 952		8.880 199		1.119 801	9.998 753		**.660**	1 9.9
		100		100			1		2 19.8
341	8.879 052		8.880 299		1.119 701	9.998 752		659	3 29.7
342	8.879 151	99	8.880 400	101	1.119 600	9.998 752	0	658	4 39.6
343	8.879 251	100	8.880 500	100	1.119 500	9.998 751	1	657	5 49.5
		100		100			0		6 59.4
344	8.879 351		8.880 600		1.119 400	9.998 751		656	7 69.3
345	8.879 451	100	8.880 701	101	1.119 299	9.998 750	1	655	8 79.2
346	8.879 551	100	8.880 801	100	1.119 199	9.998 749	1	654	9 89.1
		99		100			0		
347	8.879 650		8.880 901		1.119 099	9.998 749		653	
348	8.879 750	100	8.881 002	101	1.118 998	9.998 748	1	652	
349	8.879 850	100	8.881 102	100	1.118 898	9.998 748	0	651	
		99		100			1		
.350	8.879 949		8.881 202		1.118 798	9.998 747		**.650**	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

$85^\circ.700 - 85^\circ.650$

$4^\circ.350 - 4^\circ.400$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.350	8.879 949		8.881 202		1.118 798	9.998 747		**.650**	
		100		100			0		
351	8.880 049		8.881 302		1.118 698	9.998 747		649	
		100		101			1		
352	8.880 149		8.881 403		1.118 597	9.998 746		648	
		99		100			1		
353	8.880 248		8.881 503		1.118 497	9.998 745		647	
		100		100			0		
354	8.880 348		8.881 603		1.118 397	9.998 745		646	
		99		100			1		
355	8.880 447		8.881 703		1.118 297	9.998 744		645	
		100		100			0		
356	8.880 547		8.881 803		1.118 197	9.998 744		644	
		99		100			1		
357	8.880 646		8.881 903		1.118 097	9.998 743		643	
		100		100			0		
358	8.880 746		8.882 003		1.117 997	9.998 743		642	
		99		100			1		
359	8.880 845		8.882 103		1.117 897	9.998 742		641	
		100		100			1		
.360	8.880 945		8.882 203		1.117 797	9.998 741		**.640**	
		99		100			0		
361	8.881 044		8.882 303		1.117 697	9.998 741		639	
		99		100			1		
362	8.881 143		8.882 403		1.117 597	9.998 740		638	
		100		100			0		
363	8.881 243		8.882 503		1.117 497	9.998 740		637	
		99		100			1		
364	8.881 342		8.882 603		1.117 397	9.998 739		636	
		99		100			1		
365	8.881 441		8.882 703		1.117 297	9.998 738		635	
		100		100			0		
366	8.881 541		8.882 803		1.117 197	9.998 738		634	
		99		100			1		
367	8.881 640		8.882 903		1.117 097	9.998 737		633	
		99		100			0		
368	8.881 739		8.883 003		1.116 997	9.998 737		632	
		99		99			1		
369	8.881 838		8.883 102		1.116 898	9.998 736		631	
		100		100			0		
.370	8.881 938		8.883 202		1.116 798	9.998 736		**.630**	
		99		100			1		
371	8.882 037		8.883 302		1.116 698	9.998 735		629	
		99		100			1		
372	8.882 136		8.883 402		1.116 598	9.998 734		628	
		99		99			0		
373	8.882 235		8.883 501		1.116 499	9.998 734		627	
		99		100			1		
374	8.882 334		8.883 601		1.116 399	9.998 733		626	
		99		100			0		
375	8.882 433		8.883 701		1.116 299	9.998 733		625	
		99		99			1		
376	8.882 532		8.883 800		1.116 200	9.998 732		624	
		99		100			0		
377	8.882 631		8.883 900		1.116 100	9.998 732		623	
		99		99			1		
378	8.882 730		8.883 999		1.116 001	9.998 731		622	
		99		100			1		
379	8.882 829		8.884 099		1.115 901	9.998 730		621	
		99		100			0		
.380	8.882 928		8.884 199		1.115 801	9.998 730		**.620**	
		99		99			1		
381	8.883 027		8.884 298		1.115 702	9.998 729		619	
		99		100			0		
382	8.883 126		8.884 398		1.115 602	9.998 729		618	
		99		99			1		
383	8.883 225		8.884 497		1.115 503	9.998 728		617	
		99		100			1		
384	8.883 324		8.884 597		1.115 403	9.998 727		616	
		99		99			0		
385	8.883 423		8.884 696		1.115 304	9.998 727		615	
		99		99			1		
386	8.883 522		8.884 795		1.115 205	9.998 726		614	
		99		100			0		
387	8.883 621		8.884 895		1.115 105	9.998 726		613	
		98		99			1		
388	8.883 719		8.884 994		1.115 006	9.998 725		612	
		99		100			0		
389	8.883 818		8.885 094		1.114 906	9.998 725		611	
		99		99			1		
.390	8.883 917		8.885 193		1.114 807	9.998 724		**.610**	
		99		99			1		
391	8.884 016		8.885 292		1.114 708	9.998 723		609	
		98		100			0		
392	8.884 114		8.885 392		1.114 608	9.998 723		608	
		99		99			1		
393	8.884 213		8.885 491		1.114 509	9.998 722		607	
		99		99			0		
394	8.884 312		8.885 590		1.114 410	9.998 722		606	
		98		99			1		
395	8.884 410		8.885 689		1.114 311	9.998 721		605	
		99		99			1		
396	8.884 509		8.885 788		1.114 212	9.998 720		604	
		98		100			0		
397	8.884 607		8.885 888		1.114 112	9.998 720		603	
		99		99			1		
398	8.884 706		8.885 987		1.114 013	9.998 719		602	
		99		99			0		
399	8.884 805		8.886 086		1.113 914	9.998 719		601	
		98		99			1		
.400	8.884 903		8.886 185		1.113 815	9.998 718		**.600**	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

	101
1	10.1
2	20.2
3	30.3
4	40.4
5	50.5
6	60.6
7	70.7
8	80.8
9	90.9

	100
1	10.0
2	20.0
3	30.0
4	40.0
5	50.0
6	60.0
7	70.0
8	80.0
9	90.0

	99
1	9.9
2	19.8
3	29.7
4	39.6
5	49.5
6	59.4
7	69.3
8	79.2
9	89.1

	98
1	9.8
2	19.6
3	29.4
4	39.2
5	49.0
6	58.8
7	68.6
8	78.4
9	88.2

$85^\circ.650 - 85^\circ.600$

$4^\circ.400 - 4^\circ.450$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.400	8.884 903		8.886 185		1.113 815	9.998 718		**.600**	
		99		99			0		
401	8.885 002		8.886 284		1.113 716	9.998 718		599	
402	8.885 100	98	8.886 383	99	1.113 617	9.998 717	1	598	
403	8.885 199	99	8.886 482	99	1.113 518	9.998 716	1	597	
		98		99			0		
404	8.885 297		8.886 581		1.113 419	9.998 716		596	
405	8.885 395	98	8.886 680	99	1.113 320	9.998 715	1	595	
406	8.885 494	99	8.886 779	99	1.113 221	9.998 715	0	594	
		98		99			1		
407	8.885 592		8.886 878		1.113 122	9.998 714		593	
408	8.885 690	98	8.886 977	99	1.113 023	9.998 713	1	592	
409	8.885 789	99	8.887 076	99	1.112 924	9.998 713	0	591	
		98		99			1		
.410	8.885 887		8.887 175		1.112 825	9.998 712		**.590**	
		98		99			0		
411	8.885 985		8.887 274		1.112 726	9.998 712		589	
412	8.886 084	99	8.887 372	98	1.112 628	9.998 711	1	588	
413	8.886 182	98	8.887 471	99	1.112 529	9.998 711	0	587	
		98		99			1		
414	8.886 280		8.887 570		1.112 430	9.998 710		586	
415	8.886 378	98	8.887 669	99	1.112 331	9.998 709	1	585	
416	8.886 476	98	8.887 768	99	1.112 232	9.998 709	0	584	
		99		98			1		
417	8.886 575		8.887 866		1.112 134	9.998 708		583	
418	8.886 673	98	8.887 965	99	1.112 035	9.998 708	0	582	
419	8.886 771	98	8.888 064	99	1.111 936	9.998 707	1	581	
		98		98			1		
.420	8.886 869		8.888 162		1.111 838	9.998 706		**.580**	
		98		99			0		
421	8.886 967		8.888 261		1.111 739	9.998 706		579	
422	8.887 065	98	8.888 360	99	1.111 640	9.998 705	1	578	
423	8.887 163	98	8.888 458	98	1.111 542	9.998 705	0	577	
		98		99			1		
424	8.887 261		8.888 557		1.111 443	9.998 704		576	
425	8.887 359	98	8.888 655	98	1.111 345	9.998 704	0	575	
426	8.887 457	98	8.888 754	99	1.111 246	9.998 703	1	574	
		98		98			1		
427	8.887 555		8.888 852		1.111 148	9.998 702		573	
428	8.887 653	98	8.888 951	99	1.111 049	9.998 702	0	572	
429	8.887 750	97	8.889 049	98	1.110 951	9.998 701	1	571	
		98		99			0		
.430	8.887 848		8.889 148		1.110 852	9.998 701		**.570**	
		98		98			1		
431	8.887 946		8.889 246		1.110 754	9.998 700		569	
432	8.888 044	98	8.889 345	99	1.110 655	9.998 699	1	568	
433	8.888 142	98	8.889 443	98	1.110 557	9.998 699	0	567	
		97		98			1		
434	8.888 239		8.889 541		1.110 459	9.998 698		566	
435	8.888 337	98	8.889 640	99	1.110 360	9.998 698	0	565	
436	8.888 435	98	8.889 738	98	1.110 262	9.998 697	1	564	
		98		98			1		
437	8.888 533		8.889 836		1.110 164	9.998 696		563	
438	8.888 630	97	8.889 934	98	1.110 066	9.998 696	0	562	
439	8.888 728	98	8.890 033	99	1.109 967	9.998 695	1	561	
		98		98			0		
.440	8.888 826		8.890 131		1.109 869	9.998 695		**.560**	
		97		98			1		
441	8.888 923		8.890 229		1.109 771	9.998 694		559	
442	8.889 021	98	8.890 327	98	1.109 673	9.998 694	0	558	
443	8.889 118	97	8.890 425	98	1.109 575	9.998 693	1	557	
		98		99			1		
444	8.889 216		8.890 524		1.109 476	9.998 692		556	
445	8.889 313	97	8.890 622	98	1.109 378	9.998 692	0	555	
446	8.889 411	98	8.890 720	98	1.109 280	9.998 691	1	554	
		97		98			0		
447	8.889 508		8.890 818		1.109 182	9.998 691		553	
448	8.889 606	98	8.890 916	98	1.109 084	9.998 690	1	552	
449	8.889 703	97	8.891 014	98	1.108 986	9.998 689	1	551	
		98		98			0		
.450	8.889 801		8.891 112		1.108 888	9.998 689		**.550**	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

	99
1	9.9
2	19.8
3	29.7
4	39.6
5	49.5
6	59.4
7	69.3
8	79.2
9	89.1

	98
1	9.8
2	19.6
3	29.4
4	39.2
5	49.0
6	58.8
7	68.6
8	78.4
9	88.2

	97
1	9.7
2	19.4
3	29.1
4	38.8
5	48.5
6	58.2
7	67.9
8	77.6
9	87.3

$85^\circ.600 - 85^\circ.550$

$4^\circ.450 - 4^\circ.500$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.889 801		8.891 112		1.108 888	9.998 689		**.550**	
		97		98			1		
451	8.889 898		8.891 210		1.108 790	9.998 688		549	
452	8.889 995	97	8.891 308	98	1.108 692	9.998 688	0	548	
453	8.890 093	98	8.891 406	98	1.108 594	9.998 687	1	547	
		97		98			1		
454	8.890 190		8.891 504		1.108 496	9.998 686		546	
455	8.890 287	97	8.891 602	98	1.108 398	9.998 686	0	545	
456	8.890 385	98	8.891 699	97	1.108 301	9.998 685	1	544	
		97		98			0		
457	8.890 482		8.891 797		1.108 203	9.998 685		543	
458	8.890 579	97	8.891 895	98	1.108 105	9.998 684	1	542	
459	8.890 676	97	8.891 993	98	1.108 007	9.998 683	1	541	
		98		98			0		
.460	8.890 774		8.892 091		1.107 909	9.998 683		**.540**	
		97		97			1		
461	8.890 871		8.892 188		1.107 812	9.998 682		539	
462	8.890 968	97	8.892 286	98	1.107 714	9.998 682	0	538	
463	8.891 065	97	8.892 384	98	1.107 616	9.998 681	1	537	
		97		98			0		
464	8.891 162		8.892 482		1.107 518	9.998 681		536	
465	8.891 259	97	8.892 579	97	1.107 421	9.998 680	1	535	
466	8.891 356	97	8.892 677	98	1.107 323	9.998 679	1	534	
		97		98			0		
467	8.891 453		8.892 775		1.107 225	9.998 679		533	
468	8.891 550	97	8.892 872	97	1.107 128	9.998 678	1	532	
469	8.891 647	97	8.892 970	98	1.107 030	9.998 678	0	531	
		97		97			1		
.470	8.891 744		8.893 067		1.106 933	9.998 677		**.530**	
		97		98			1		
471	8.891 841		8.893 165		1.106 835	9.998 676		529	
472	8.891 938	97	8.893 262	97	1.106 738	9.998 676	0	528	
473	8.892 035	97	8.893 360	98	1.106 640	9.998 675	1	527	
		97		97			0		
474	8.892 132		8.893 457		1.106 543	9.998 675		526	
475	8.892 229	97	8.893 555	98	1.106 445	9.998 674	1	525	
476	8.892 326	97	8.893 652	97	1.106 348	9.998 673	1	524	
		96		98			0		
477	8.892 422		8.893 750		1.106 250	9.998 673		523	
478	8.892 519	97	8.893 847	97	1.106 153	9.998 672	1	522	
479	8.892 616	97	8.893 944	97	1.106 056	9.998 672	0	521	
		97		98			1		
.480	8.892 713		8.894 042		1.105 958	9.998 671		**.520**	
		96		97			1		
481	8.892 809		8.894 139		1.105 861	9.998 670		519	
482	8.892 906	97	8.894 236	97	1.105 764	9.998 670	0	518	
483	8.893 003	97	8.894 334	98	1.105 666	9.998 669	1	517	
		97		97			0		
484	8.893 100		8.894 431		1.105 569	9.998 669		516	
485	8.893 196	96	8.894 528	97	1.105 472	9.998 668	1	515	
486	8.893 293	97	8.894 625	97	1.105 375	9.998 667	1	514	
		96		98			0		
487	8.893 389		8.894 723		1.105 277	9.998 667		513	
488	8.893 486	97	8.894 820	97	1.105 180	9.998 666	1	512	
489	8.893 583	97	8.894 917	97	1.105 083	9.998 666	0	511	
		96		97			1		
.490	8.893 679		8.895 014		1.104 986	9.998 665		**.510**	
		97		97			0		
491	8.893 776		8.895 111		1.104 889	9.998 665		509	
492	8.893 872	96	8.895 208	97	1.104 792	9.998 664	1	508	
493	8.893 969	97	8.895 305	97	1.104 695	9.998 663	1	507	
		96		97			0		
494	8.894 065		8.895 402		1.104 598	9.998 663		506	
495	8.894 161	96	8.895 499	97	1.104 501	9.998 662	1	505	
496	8.894 258	97	8.895 596	97	1.104 404	9.998 662	0	504	
		96		97			1		
497	8.894 354		8.895 693		1.104 307	9.998 661		503	
498	8.894 451	97	8.895 790	97	1.104 210	9.998 660	1	502	
499	8.894 547	96	8.895 887	97	1.104 113	9.998 660	0	501	
		96		97			1		
.500	8.894 643		8.895 984		1.104 016	9.998 659		**.500**	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

	98
1	9.8
2	19.6
3	29.4
4	39.2
5	49.0
6	58.8
7	68.6
8	78.4
9	88.2

	97
1	9.7
2	19.4
3	29.1
4	38.8
5	48.5
6	58.2
7	67.9
8	77.6
9	87.3

	96
1	9.6
2	19.2
3	28.8
4	38.4
5	48.0
6	57.6
7	67.2
8	76.8
9	86.4

$85^\circ.550 - 85^\circ.500$

$4^\circ.500 - 4^\circ.550$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.894 643		8.895 984		1.104 016	9.998 659		**.500**	
501	8.894 740	97	8.896 081	97	1.103 919	9.998 659	0	499	
502	8.894 836	96	8.896 178	97	1.103 822	9.998 658	1	498	
503	8.894 932	96	8.896 275	97	1.103 725	9.998 657	1	497	
504	8.895 028	96	8.896 372	97	1.103 628	9.998 657	0	496	
505	8.895 125	97	8.896 468	96	1.103 532	9.998 656	1	495	
506	8.895 221	96	8.896 565	97	1.103 435	9.998 656	0	494	
507	8.895 317	96	8.896 662	97	1.103 338	9.998 655	1	493	
508	8.895 413	96	8.896 759	97	1.103 241	9.998 654	1	492	
509	8.895 509	96	8.896 855	96	1.103 145	9.998 654	0	491	
.510	8.895 605	96	8.896 952	97	1.103 048	9.998 653	1	**.490**	
511	8.895 701	96	8.897 049	97	1.102 951	9.998 653	0	489	
512	8.895 797	96	8.897 146	97	1.102 854	9.998 652	1	488	
513	8.895 894	97	8.897 242	96	1.102 758	9.998 651	1	487	
514	8.895 990	96	8.897 339	97	1.102 661	9.998 651	0	486	
515	8.896 086	96	8.897 435	96	1.102 565	9.998 650	1	485	
516	8.896 182	96	8.897 532	97	1.102 468	9.998 650	0	484	
517	8.896 277	95	8.897 629	97	1.102 371	9.998 649	1	483	
518	8.896 373	96	8.897 725	96	1.102 275	9.998 648	1	482	
519	8.896 469	96	8.897 822	97	1.102 178	9.998 648	0	481	
.520	8.896 565	96	8.897 918	96	1.102 082	9.998 647	1	**.480**	
521	8.896 661	96	8.898 015	97	1.101 985	9.998 647	0	479	
522	8.896 757	96	8.898 111	96	1.101 889	9.998 646	1	478	
523	8.896 853	96	8.898 207	96	1.101 793	9.998 645	1	477	
524	8.896 949	96	8.898 304	97	1.101 696	9.998 645	0	476	
525	8.897 044	95	8.898 400	96	1.101 600	9.998 644	1	475	
526	8.897 140	96	8.898 497	97	1.101 503	9.998 644	0	474	
527	8.897 236	96	8.898 593	96	1.101 407	9.998 643	1	473	
528	8.897 332	96	8.898 689	96	1.101 311	9.998 642	1	472	
529	8.897 427	95	8.898 786	97	1.101 214	9.998 642	0	471	
.530	8.897 523	96	8.898 882	96	1.101 118	9.998 641	1	**.470**	
531	8.897 619	96	8.898 978	96	1.101 022	9.998 641	0	469	
532	8.897 714	95	8.899 074	96	1.100 926	9.998 640	1	468	
533	8.897 810	96	8.899 171	97	1.100 829	9.998 639	1	467	
534	8.897 906	96	8.899 267	96	1.100 733	9.998 639	0	466	
535	8.898 001	95	8.899 363	96	1.100 637	9.998 638	1	465	
536	8.898 097	96	8.899 459	96	1.100 541	9.998 638	0	464	
537	8.898 192	95	8.899 555	96	1.100 445	9.998 637	1	463	
538	8.898 288	96	8.899 651	96	1.100 349	9.998 636	1	462	
539	8.898 383	95	8.899 747	96	1.100 253	9.998 636	0	461	
.540	8.898 479	96	8.899 843	96	1.100 157	9.998 635	1	**.460**	
541	8.898 574	95	8.899 940	97	1.100 060	9.998 635	0	459	
542	8.898 670	96	8.900 036	96	1.099 964	9.998 634	1	458	
543	8.898 765	95	8.900 132	96	1.099 868	9.998 633	1	457	
544	8.898 860	95	8.900 228	96	1.099 772	9.998 633	0	456	
545	8.898 956	96	8.900 324	95	1.099 676	9.998 632	1	455	
546	8.899 051	95	8.900 419	96	1.099 581	9.998 632	0	454	
547	8.899 146	95	8.900 515	96	1.099 485	9.998 631	1	453	
548	8.899 242	96	8.900 611	96	1.099 389	9.998 630	1	452	
549	8.899 337	95	8.900 707	96	1.099 293	9.998 630	0	451	
.550	8.899 432	95	8.900 803		1.099 197	9.998 629	1	**.450**	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

	97
1	9.7
2	19.4
3	29.1
4	38.8
5	48.5
6	58.2
7	67.9
8	77.6
9	87.3

	96
1	9.6
2	19.2
3	28.8
4	38.4
5	48.0
6	57.6
7	67.2
8	76.8
9	86.4

	95
1	9.5
2	19.0
3	28.5
4	38.0
5	47.5
6	57.0
7	66.5
8	76.0
9	85.5

$85^\circ.500 - 85^\circ.450$

4°.550 — 4°.600

4°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.899 432		8.900 803		1.099 197	9.998 629		**.450**	
		95		96			0		
551	8.899 527		8.900 899		1.099 101	9.998 629		449	
552	8.899 623	96	8.900 995	96	1.099 005	9.998 628	1	448	
553	8.899 718	95	8.901 091	96	1.098 909	9.998 627	1	447	
		95		95			0		
554	8.899 813		8.901 186		1.098 814	9.998 627		446	
555	8.899 908	95	8.901 282	96	1.098 718	9.998 626	1	445	
556	8.900 003	95	8.901 378	96	1.098 622	9.998 626	0	444	
		95		95			1		
557	8.900 098		8.901 473		1.098 527	9.998 625		443	
558	8.900 194	96	8.901 569	96	1.098 431	9.998 624	1	442	
559	8.900 289	95	8.901 665	96	1.098 335	9.998 624	0	441	
		95		96			1		
.560	8.900 384		8.901 761		1.098 239	9.998 623		**.440**	
		95		95			0		
561	8.900 479		8.901 856		1.098 144	9.998 623		439	
562	8.900 574	95	8.901 952	96	1.098 048	9.998 622	1	438	
563	8.900 669	95	8.902 047	95	1.097 953	9.998 621	1	437	
		95		96			0		
564	8.900 764		8.902 143		1.097 857	9.998 621		436	
565	8.900 859	95	8.902 238	95	1.097 762	9.998 620	1	435	
566	8.900 953	94	8.902 334	96	1.097 666	9.998 619	1	434	
		95		96			0		
567	8.901 048		8.902 430		1.097 570	9.998 619		433	
568	8.901 143	95	8.902 525	95	1.097 475	9.998 618	1	432	
569	8.901 238	95	8.902 620	95	1.097 380	9.998 618	0	431	
		95		96			1		
.570	8.901 333		8.902 716		1.097 284	9.998 617		**.430**	
		95		95			1		
571	8.901 428		8.902 811		1.097 189	9.998 616		429	
572	8.901 523	95	8.902 907	96	1.097 093	9.998 616	0	428	
573	8.901 617	94	8.903 002	95	1.096 998	9.998 615	1	427	
		95		95			0		
574	8.901 712		8.903 097		1.096 903	9.998 615		426	
575	8.901 807	95	8.903 193	96	1.096 807	9.998 614	1	425	
576	8.901 902	95	8.903 288	95	1.096 712	9.998 613	1	424	
		94		95			0		
577	8.901 996		8.903 383		1.096 617	9.998 613		423	
578	8.902 091	95	8.903 479	96	1.096 521	9.998 612	1	422	
579	8.902 186	95	8.903 574	95	1.096 426	9.998 612	0	421	
		94		95			1		
.580	8.902 280		8.903 669		1.096 331	9.998 611		**.420**	
		95		95			1		
581	8.902 375		8.903 764		1.096 236	9.998 610		419	
582	8.902 469	94	8.903 860	96	1.096 140	9.998 610	0	418	
583	8.902 564	95	8.903 955	95	1.096 045	9.998 609	1	417	
		95		95			0		
584	8.902 659		8.904 050		1.095 950	9.998 609		416	
585	8.902 753	94	8.904 145	95	1.095 855	9.998 608	1	415	
586	8.902 848	95	8.904 240	95	1.095 760	9.998 607	1	414	
		94		95			0		
587	8.902 942		8.904 335		1.095 665	9.998 607		413	
588	8.903 037	95	8.904 430	95	1.095 570	9.998 606	1	412	
589	8.903 131	94	8.904 525	95	1.095 475	9.998 606	0	411	
		94		96			1		
.590	8.903 225		8.904 621		1.095 379	9.998 605		**.410**	
		95		95			1		
591	8.903 320		8.904 716		1.095 284	9.998 604		409	
592	8.903 414	94	8.904 811	95	1.095 189	9.998 604	0	408	
593	8.903 509	95	8.904 905	94	1.095 095	9.998 603	1	407	
		94		95			1		
594	8.903 603		8.905 000		1.095 000	9.998 602		406	
595	8.903 697	94	8.905 095	95	1.094 905	9.998 602	0	405	
596	8.903 792	95	8.905 190	95	1.094 810	9.998 601	1	404	
		94		95			0		
597	8.903 886		8.905 285		1.094 715	9.998 601		403	
598	8.903 980	94	8.905 380	95	1.094 620	9.998 600	1	402	
599	8.904 074	94	8.905 475	95	1.094 525	9.998 599	1	401	
		95		95			0		
.600	8.904 169		8.905 570		1.094 430	9.998 599		**.400**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	96
1	9.6
2	19.2
3	28.8
4	38.4
5	48.0
6	57.6
7	67.2
8	76.8
9	86.4

	95
1	9.5
2	19.0
3	28.5
4	38.0
5	47.5
6	57.0
7	66.5
8	76.0
9	85.5

	94
1	9.4
2	18.8
3	28.2
4	37.6
5	47.0
6	56.4
7	65.8
8	75.2
9	84.6

85°.450 — 85°.400

4°.600 — 4°.650

4°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.904 169		8.905 570		1.094 430	9.998 599		**.400**	
		94		95			1		
601	8.904 263		8.905 665		1.094 335	9.998 598		399	
		94		94			0		
602	8.904 357		8.905 759		1.094 241	9.998 598		398	
		94		95			1		
603	8.904 451		8.905 854		1.094 146	9.998 597		397	
		94		95			1		
604	8.904 545		8.905 949		1.094 051	9.998 596		396	
		94		95			0		
605	8.904 639		8.906 044		1.093 956	9.998 596		395	
		94		94			1		
606	8.904 733		8.906 138		1.093 862	9.998 595		394	
		95		95			0		
607	8.904 828		8.906 233		1.093 767	9.998 595		393	
		94		95			1		
608	8.904 922		8.906 328		1.093 672	9.998 594		392	
		94		94			1		
609	8.905 016		8.906 422		1.093 578	9.998 593		391	
		94		95			0		
.610	8.905 110		8.906 517		1.093 483	9.998 593		**.390**	
		94		94			1		
611	8.905 204		8.906 611		1.093 389	9.998 592		389	
		94		95			1		
612	8.905 298		8.906 706		1.093 294	9.998 591		388	
		94		95			0		
613	8.905 392		8.906 801		1.093 199	9.998 591		387	
		93		94			1		
614	8.905 485		8.906 895		1.093 105	9.998 590		386	
		94		95			0		
615	8.905 579		8.906 990		1.093 010	9.998 590		385	
		94		94			1		
616	8.905 673		8.907 084		1.092 916	9.998 589		384	
		94		95			1		
617	8.905 767		8.907 179		1.092 821	9.998 588		383	
		94		94			0		
618	8.905 861		8.907 273		1.092 727	9.998 588		382	
		94		95			1		
619	8.905 955		8.907 368		1.092 632	9.998 587		381	
		94		94			0		
.620	8.906 049		8.907 462		1.092 538	9.998 587		**.380**	
		93		94			1		
621	8.906 142		8.907 556		1.092 444	9.998 586		379	
		94		95			1		
622	8.906 236		8.907 651		1.092 349	9.998 585		378	
		94		94			0		
623	8.906 330		8.907 745		1.092 255	9.998 585		377	
		94		95			1		
624	8.906 424		8.907 840		1.092 160	9.998 584		376	
		93		94			0		
625	8.906 517		8.907 934		1.092 066	9.998 584		375	
		94		94			1		
626	8.906 611		8.908 028		1.091 972	9.998 583		374	
		94		94			1		
627	8.906 705		8.908 122		1.091 878	9.998 582		373	
		93		95			0		
628	8.906 798		8.908 217		1.091 783	9.998 582		372	
		94		94			1		
629	8.906 892		8.908 311		1.091 689	9.998 581		371	
		94		94			1		
.630	8.906 986		8.908 405		1.091 595	9.998 580		**.370**	
		93		94			0		
631	8.907 079		8.908 499		1.091 501	9.998 580		369	
		94		95			1		
632	8.907 173		8.908 594		1.091 406	9.998 579		368	
		93		94			0		
633	8.907 266		8.908 688		1.091 312	9.998 579		367	
		94		94			1		
634	8.907 360		8.908 782		1.091 218	9.998 578		366	
		93		94			1		
635	8.907 453		8.908 876		1.091 124	9.998 577		365	
		94		94			0		
636	8.907 547		8.908 970		1.091 030	9.998 577		364	
		93		94			1		
637	8.907 640		8.909 064		1.090 936	9.998 576		363	
		94		94			0		
638	8.907 734		8.909 158		1.090 842	9.998 576		362	
		93		94			1		
639	8.907 827		8.909 252		1.090 748	9.998 575		361	
		94		94			1		
.640	8.907 921		8.909 346		1.090 654	9.998 574		**.360**	
		93		94			0		
641	8.908 014		8.909 440		1.090 560	9.998 574		359	
		93		94			1		
642	8.908 107		8.909 534		1.090 466	9.998 573		358	
		94		94			1		
643	8.908 201		8.909 628		1.090 372	9.998 572		357	
		93		94			0		
644	8.908 294		8.909 722		1.090 278	9.998 572		356	
		93		94			1		
645	8.908 387		8.909 816		1.090 184	9.998 571		355	
		94		94			0		
646	8.908 481		8.909 910		1.090 090	9.998 571		354	
		93		94			1		
647	8.908 574		8.910 004		1.089 996	9.998 570		353	
		93		94			1		
648	8.908 667		8.910 098		1.089 902	9.998 569		352	
		93		93			0		
649	8.908 760		8.910 191		1.089 809	9.998 569		351	
		93		94			1		
.650	8.908 853		8.910 285		1.089 715	9.998 568		**.350**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	95
1	9.5
2	19.0
3	28.5
4	38.0
5	47.5
6	57.0
7	66.5
8	76.0
9	85.5

	94
1	9.4
2	18.8
3	28.2
4	37.6
5	47.0
6	56.4
7	65.8
8	75.2
9	84.6

	93
1	9.3
2	18.6
3	27.9
4	37.2
5	46.5
6	55.8
7	65.1
8	74.4
9	83.7

85°.400 — 85°.350

4°.650 — 4°.700

4°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.908 853		8.910 285		1.089 715	9.998 568		**.350**	
		94		94			0		
651	8.908 947		8.910 379		1.089 621	9.998 568		349	
652	8.909 040	93	8.910 473	94	1.089 527	9.998 567	1	348	
653	8.909 133	93	8.910 567	94	1.089 433	9.998 566	1	347	
		93		93			0		
654	8.909 226		8.910 660		1.089 340	9.998 566		346	
655	8.909 319	93	8.910 754	94	1.089 246	9.998 565	1	345	
656	8.909 412	93	8.910 848	94	1.089 152	9.998 564	1	344	
		93		93			0		
657	8.909 505		8.910 941		1.089 059	9.998 564		343	
658	8.909 598	93	8.911 035	94	1.088 965	9.998 563	1	342	
659	8.909 691	93	8.911 129	94	1.088 871	9.998 563	0	341	
		93		93			1		
.660	8.909 784		8.911 222		1.088 778	9.998 562		**.340**	
		93		94			1		
661	8.909 877		8.911 316		1.088 684	9.998 561		339	
662	8.909 970	93	8.911 410	94	1.088 590	9.998 561	0	338	
663	8.910 063	93	8.911 503	93	1.088 497	9.998 560	1	337	
		93		94			0		
664	8.910 156		8.911 597		1.088 403	9.998 560		336	
665	8.910 249	93	8.911 690	93	1.088 310	9.998 559	1	335	
666	8.910 342	93	8.911 784	94	1.088 216	9.998 558	1	334	
		93		93			0		
667	8.910 435		8.911 877		1.088 123	9.998 558		333	
668	8.910 528	93	8.911 971	94	1.088 029	9.998 557	1	332	
669	8.910 620	92	8.912 064	93	1.087 936	9.998 556	1	331	
		93		93			0		
.670	8.910 713		8.912 157		1.087 843	9.998 556		**.330**	
		93		94			1		
671	8.910 806		8.912 251		1.087 749	9.998 555		329	
672	8.910 899	93	8.912 344	93	1.087 656	9.998 555	0	328	
673	8.910 992	93	8.912 438	94	1.087 562	9.998 554	1	327	
		92		93			1		
674	8.911 084		8.912 531		1.087 469	9.998 553		326	
675	8.911 177	93	8.912 624	93	1.087 376	9.998 553	0	325	
676	8.911 270	93	8.912 718	94	1.087 282	9.998 552	1	324	
		92		93			1		
677	8.911 362		8.912 811		1.087 189	9.998 551		323	
678	8.911 455	93	8.912 904	93	1.087 096	9.998 551	0	322	
679	8.911 548	93	8.912 997	93	1.087 003	9.998 550	1	321	
		92		94			0		
.680	8.911 640		8.913 091		1.086 909	9.998 550		**.320**	
		93		93			1		
681	8.911 733		8.913 184		1.086 816	9.998 549		319	
682	8.911 825	92	8.913 277	93	1.086 723	9.998 548	1	318	
683	8.911 918	93	8.913 370	93	1.086 630	9.998 548	0	317	
		92		93			1		
684	8.912 010		8.913 463		1.086 537	9.998 547		316	
685	8.912 103	93	8.913 556	93	1.086 444	9.998 547	0	315	
686	8.912 195	92	8.913 649	93	1.086 351	9.998 546	1	314	
		93		94			1		
687	8.912 288		8.913 743		1.086 257	9.998 545		313	
688	8.912 380	92	8.913 836	93	1.086 164	9.998 545	0	312	
689	8.912 473	93	8.913 929	93	1.086 071	9.998 544	1	311	
		92		93			1		
.690	8.912 565		8.914 022		1.085 978	9.998 543		**.310**	
		92		93			0		
691	8.912 657		8.914 115		1.085 885	9.998 543		309	
692	8.912 750	93	8.914 208	93	1.085 792	9.998 542	1	308	
693	8.912 842	92	8.914 301	93	1.085 699	9.998 542	0	307	
		93		93			1		
694	8.912 935		8.914 394		1.085 606	9.998 541		306	
695	8.913 027	92	8.914 487	93	1.085 513	9.998 540	1	305	
696	8.913 119	92	8.914 579	92	1.085 421	9.998 540	0	304	
		92		93			1		
697	8.913 211		8.914 672		1.085 328	9.998 539		303	
698	8.913 304	93	8.914 765	93	1.085 235	9.998 538	1	302	
699	8.913 396	92	8.914 858	93	1.085 142	9.998 538	0	301	
		92		93			1		
.700	8.913 488		8.914 951		1.085 049	9.998 537		**.300**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	94
1	9.4
2	18.8
3	28.2
4	37.6
5	47.0
6	56.4
7	65.8
8	75.2
9	84.6

	93
1	9.3
2	18.6
3	27.9
4	37.2
5	46.5
6	55.8
7	65.1
8	74.4
9	83.7

	92
1	9.2
2	18.4
3	27.6
4	36.8
5	46.0
6	55.2
7	64.4
8	73.6
9	82.8

85°.350 — 85°.300

$4^\circ.700 - 4^\circ.750$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.913 488		8.914 951		1.085 049	9.998 537		**.300**	
		92		93			0		
701	8.913 580		8.915 044		1.084 956	9.998 537		299	
702	8.913 672	92	8.915 136	92	1.084 864	9.998 536	1	298	
703	8.913 765	93	8.915 229	93	1.084 771	9.998 535	1	297	
		92		93			0		
704	8.913 857		8.915 322		1.084 678	9.998 535		296	
705	8.913 949	92	8.915 415	93	1.084 585	9.998 534	1	295	
706	8.914 041	92	8.915 507	92	1.084 493	9.998 533	1	294	
		92		93			0		
707	8.914 133		8.915 600		1.084 400	9.998 533		293	
708	8.914 225	92	8.915 693	93	1.084 307	9.998 532	1	292	
709	8.914 317	92	8.915 785	92	1.084 215	9.998 532	0	291	
		92		93			1		
.710	8.914 409		8.915 878		1.084 122	9.998 531		**.290**	
		92		93			1		
711	8.914 501		8.915 971		1.084 029	9.998 530		289	
712	8.914 593	92	8.916 063	92	1.083 937	9.998 530	0	288	
713	8.914 685	92	8.916 156	93	1.083 844	9.998 529	1	287	
		92		92			1		
714	8.914 777		8.916 248		1.083 752	9.998 528		286	
715	8.914 869	92	8.916 341	93	1.083 659	9.998 528	0	285	
716	8.914 961	92	8.916 433	92	1.083 567	9.998 527	1	284	
		92		93			0		
717	8.915 053		8.916 526		1.083 474	9.998 527		283	
718	8.915 144	91	8.916 618	92	1.083 382	9.998 526	1	282	
719	8.915 236	92	8.916 711	93	1.083 289	9.998 525	1	281	
		92		92			0		
.720	8.915 328		8.916 803		1.083 197	9.998 525		**.280**	
		92		93			1		
721	8.915 420		8.916 896		1.083 104	9.998 524		279	
722	8.915 512	92	8.916 988	92	1.083 012	9.998 523	1	278	
723	8.915 603	91	8.917 081	93	1.082 919	9.998 523	0	277	
		92		92			1		
724	8.915 695		8.917 173		1.082 827	9.998 522		276	
725	8.915 787	92	8.917 265	92	1.082 735	9.998 522	0	275	
726	8.915 879	92	8.917 358	93	1.082 642	9.998 521	1	274	
		91		92			1		
727	8.915 970		8.917 450		1.082 550	9.998 520		273	
728	8.916 062	92	8.917 542	92	1.082 458	9.998 520	0	272	
729	8.916 153	91	8.917 634	92	1.082 366	9.998 519	1	271	
		92		93			1		
.730	8.916 245		8.917 727		1.082 273	9.998 518		**.270**	
		92		92			0		
731	8.916 337		8.917 819		1.082 181	9.998 518		269	
732	8.916 428	91	8.917 911	92	1.082 089	9.998 517	1	268	
733	8.916 520	92	8.918 003	92	1.081 997	9.998 517	0	267	
		91		92			1		
734	8.916 611		8.918 095		1.081 905	9.998 516		266	
735	8.916 703	92	8.918 188	93	1.081 812	9.998 515	1	265	
736	8.916 794	91	8.918 280	92	1.081 720	9.998 515	0	264	
		92		92			1		
737	8.916 886		8.918 372		1.081 628	9.998 514		263	
738	8.916 977	91	8.918 464	92	1.081 536	9.998 513	1	262	
739	8.917 069	92	8.918 556	92	1.081 444	9.998 513	0	261	
		91		92			1		
.740	8.917 160		8.918 648		1.081 352	9.998 512		**.260**	
		92		92			0		
741	8.917 252		8.918 740		1.081 260	9.998 512		259	
742	8.917 343	91	8.918 832	92	1.081 168	9.998 511	1	258	
743	8.917 434	91	8.918 924	92	1.081 076	9.998 510	1	257	
		92		92			0		
744	8.917 526		8.919 016		1.080 984	9.998 510		256	
745	8.917 617	91	8.919 108	92	1.080 892	9.998 509	1	255	
746	8.917 708	91	8.919 200	92	1.080 800	9.998 508	1	254	
		92		92			0		
747	8.917 800		8.919 292		1.080 708	9.998 508		253	
748	8.917 891	91	8.919 384	92	1.080 616	9.998 507	1	252	
749	8.917 982	91	8.919 476	92	1.080 524	9.998 506	1	251	
		91		92			0		
.750	8.918 073		8.919 568		1.080 432	9.998 506		**.250**	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

	93
1	9.3
2	18.6
3	27.9
4	37.2
5	46.5
6	55.8
7	65.1
8	74.4
9	83.7

	92
1	9.2
2	18.4
3	27.6
4	36.8
5	46.0
6	55.2
7	64.4
8	73.6
9	82.8

	91
1	9.1
2	18.2
3	27.3
4	36.4
5	45.5
6	54.6
7	63.7
8	72.8
9	81.9

$85^\circ.300 - 85^\circ.250$

$4^\circ.750 - 4^\circ.800$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.750	8.918 073		8.919 568		1.080 432	9.998 506		**.250**	
		92		91			1		
751	8.918 165		8.919 659		1.080 341	9.998 505		249	
		91		92			0		
752	8.918 256		8.919 751		1.080 249	9.998 505		248	
		91		92			1		
753	8.918 347		8.919 843		1.080 157	9.998 504		247	
		91		92			1		
754	8.918 438		8.919 935		1.080 065	9.998 503		246	
		91		92			0		
755	8.918 529		8.920 027		1.079 973	9.998 503		245	
		91		91			1		
756	8.918 620		8.920 118		1.079 882	9.998 502		244	
		91		92			1		
757	8.918 711		8.920 210		1.079 790	9.998 501		243	
		92		92			0		
758	8.918 803		8.920 302		1.079 698	9.998 501		242	
		91		91			1		
759	8.918 894		8.920 393		1.079 607	9.998 500		241	
		91		92			0		
.760	8.918 985		8.920 485		1.079 515	9.998 500		**.240**	
		91		92			1		
761	8.919 076		8.920 577		1.079 423	9.998 499		239	
		91		91			1		
762	8.919 167		8.920 668		1.079 332	9.998 498		238	
		91		92			0		
763	8.919 258		8.920 760		1.079 240	9.998 498		237	
		91		92			1		
764	8.919 349		8.920 852		1.079 148	9.998 497		236	
		91		91			1		
765	8.919 440		8.920 943		1.079 057	9.998 496		235	
		90		92			0		
766	8.919 530		8.921 035		1.078 965	9.998 496		234	
		91		91			1		
767	8.919 621		8.921 126		1.078 874	9.998 495		233	
		91		92			1		
768	8.919 712		8.921 218		1.078 782	9.998 494		232	
		91		91			0		
769	8.919 803		8.921 309		1.078 691	9.998 494		231	
		91		92			1		
.770	8.919 894		8.921 401		1.078 599	9.998 493		**.230**	
		91		91			0		
771	8.919 985		8.921 492		1.078 508	9.998 493		229	
		91		92			1		
772	8.920 076		8.921 584		1.078 416	9.998 492		228	
		90		91			1		
773	8.920 166		8.921 675		1.078 325	9.998 491		227	
		91		91			0		
774	8.920 257		8.921 766		1.078 234	9.998 491		226	
		91		92			1		
775	8.920 348		8.921 858		1.078 142	9.998 490		225	
		91		91			1		
776	8.920 439		8.921 949		1.078 051	9.998 489		224	
		90		92			0		
777	8.920 529		8.922 041		1.077 959	9.998 489		223	
		91		91			1		
778	8.920 620		8.922 132		1.077 868	9.998 488		222	
		91		91			0		
779	8.920 711		8.922 223		1.077 777	9.998 488		221	
		90		91			1		
.780	8.920 801		8.922 314		1.077 686	9.998 487		**.220**	
		91		92			1		
781	8.920 892		8.922 406		1.077 594	9.998 486		219	
		91		91			0		
782	8.920 983		8.922 497		1.077 503	9.998 486		218	
		90		91			1		
783	8.921 073		8.922 588		1.077 412	9.998 485		217	
		91		91			1		
784	8.921 164		8.922 679		1.077 321	9.998 484		216	
		90		92			0		
785	8.921 254		8.922 771		1.077 229	9.998 484		215	
		91		91			1		
786	8.921 345		8.922 862		1.077 138	9.998 483		214	
		90		91			1		
787	8.921 435		8.922 953		1.077 047	9.998 482		213	
		91		91			0		
788	8.921 526		8.923 044		1.076 956	9.998 482		212	
		90		91			1		
789	8.921 616		8.923 135		1.076 865	9.998 481		211	
		91		91			0		
.790	8.921 707		8.923 226		1.076 774	9.998 481		**.210**	
		90		91			1		
791	8.921 797		8.923 317		1.076 683	9.998 480		209	
		91		91			1		
792	8.921 888		8.923 408		1.076 592	9.998 479		208	
		90		92			0		
793	8.921 978		8.923 500		1.076 500	9.998 479		207	
		91		91			1		
794	8.922 069		8.923 591		1.076 409	9.998 478		206	
		90		91			1		
795	8.922 159		8.923 682		1.076 318	9.998 477		205	
		90		91			0		
796	8.922 249		8.923 773		1.076 227	9.998 477		204	
		91		90			1		
797	8.922 340		8.923 863		1.076 137	9.998 476		203	
		90		91			1		
798	8.922 430		8.923 954		1.076 046	9.998 475		202	
		90		91			0		
799	8.922 520		8.924 045		1.075 955	9.998 475		201	
		90		91			1		
.800	8.922 610		8.924 136		1.075 864	9.998 474		**.200**	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

	92
1	9.2
2	18.4
3	27.6
4	36.8
5	46.0
6	55.2
7	64.4
8	73.6
9	82.8

	91
1	9.1
2	18.2
3	27.3
4	36.4
5	45.5
6	54.6
7	63.7
8	72.8
9	81.9

	90
1	9.0
2	18.0
3	27.0
4	36.0
5	45.0
6	54.0
7	63.0
8	72.0
9	81.0

$85^\circ.250 - 85^\circ.200$

4°.800 — 4°.850

4°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.922 610		8.924 136		1.075 864	9.998 474		**.200**	
		91		91			0		
801	8.922 701		8.924 227		1.075 773	9.998 474		199	
802	8.922 791	90	8.924 318	91	1.075 682	9.998 473	1	198	
803	8.922 881	90	8.924 409	91	1.075 591	9.998 472	1	197	
		90		91			0		
804	8.922 971		8.924 500		1.075 500	9.998 472		196	
805	8.923 062	91	8.924 591	91	1.075 409	9.998 471	1	195	
806	8.923 152	90	8.924 681	90	1.075 319	9.998 470	1	194	
		90		91			0		
807	8.923 242		8.924 772		1.075 228	9.998 470		193	
808	8.923 332	90	8.924 863	91	1.075 137	9.998 469	1	192	
809	8.923 422	90	8.924 954	91	1.075 046	9.998 468	1	191	
		90		90			0		
.810	8.923 512		8.925 044		1.074 956	9.998 468		**.190**	
		90		91			1		
811	8.923 602		8.925 135		1.074 865	9.998 467		189	
812	8.923 692	90	8.925 226	91	1.074 774	9.998 467	0	188	
813	8.923 782	90	8.925 316	90	1.074 684	9.998 466	1	187	
		90		91			1		
814	8.923 872		8.925 407		1.074 593	9.998 465		186	
815	8.923 962	90	8.925 498	91	1.074 502	9.998 465	0	185	
816	8.924 052	90	8.925 588	90	1.074 412	9.998 464	1	184	
		90		91			1		
817	8.924 142		8.925 679		1.074 321	9.998 463		183	
818	8.924 232	90	8.925 770	91	1.074 230	9.998 463	0	182	
819	8.924 322	90	8.925 860	90	1.074 140	9.998 462	1	181	
		90		91			1		
.820	8.924 412		8.925 951		1.074 049	9.998 461		**.180**	
		90		90			0		
821	8.924 502		8.926 041		1.073 959	9.998 461		179	
822	8.924 592	90	8.926 132	91	1.073 868	9.998 460	1	178	
823	8.924 682	90	8.926 222	90	1.073 778	9.998 460	0	177	
		89		91			1		
824	8.924 771		8.926 313		1.073 687	9.998 459		176	
825	8.924 861	90	8.926 403	90	1.073 597	9.998 458	1	175	
826	8.924 951	90	8.926 493	90	1.073 507	9.998 458	0	174	
		90		91			1		
827	8.925 041		8.926 584		1.073 416	9.998 457		173	
828	8.925 131	90	8.926 674	90	1.073 326	9.998 456	1	172	
829	8.925 220	89	8.926 765	91	1.073 235	9.998 456	0	171	
		90		90			1		
.830	8.925 310		8.926 855		1.073 145	9.998 455		**.170**	
		90		90			1		
831	8.925 400		8.926 945		1.073 055	9.998 454		169	
832	8.925 489	89	8.927 036	91	1.072 964	9.998 454	0	168	
833	8.925 579	90	8.927 126	90	1.072 874	9.998 453	1	167	
		90		90			1		
834	8.925 669		8.927 216		1.072 784	9.998 452		166	
835	8.925 758	89	8.927 306	90	1.072 694	9.998 452	0	165	
836	8.925 848	90	8.927 397	91	1.072 603	9.998 451	1	164	
		89		90			0		
837	8.925 937		8.927 487		1.072 513	9.998 451		163	
838	8.926 027	90	8.927 577	90	1.072 423	9.998 450	1	162	
839	8.926 117	90	8.927 667	90	1.072 333	9.998 449	1	161	
		89		90			0		
.840	8.926 206		8.927 757		1.072 243	9.998 449		**.160**	
		90		91			1		
841	8.926 296		8.927 848		1.072 152	9.998 448		159	
842	8.926 385	89	8.927 938	90	1.072 062	9.998 447	1	158	
843	8.926 475	90	8.928 028	90	1.071 972	9.998 447	0	157	
		89		90			1		
844	8.926 564		8.928 118		1.071 882	9.998 446		156	
845	8.926 653	89	8.928 208	90	1.071 792	9.998 445	1	155	
846	8.926 743	90	8.928 298	90	1.071 702	9.998 445	0	154	
		89		90			1		
847	8.926 832		8.928 388		1.071 612	9.998 444		153	
848	8.926 922	90	8.928 478	90	1.071 522	9.998 443	1	152	
849	8.927 011	89	8.928 568	90	1.071 432	9.998 443	0	151	
		89		90			1		
.850	8.927 100		8.928 658		1.071 342	9.998 442		**.150**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	91
1	9.1
2	18.2
3	27.3
4	36.4
5	45.5
6	54.6
7	63.7
8	72.8
9	81.9

	90
1	9.0
2	18.0
3	27.0
4	36.0
5	45.0
6	54.0
7	63.0
8	72.0
9	81.0

	89
1	8.9
2	17.8
3	26.7
4	35.6
5	44.5
6	53.4
7	62.3
8	71.2
9	80.1

85°.200 — 85°.150

$4^\circ.850 - 4^\circ.900$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.850	8.927 100		8.928 658		1.071 342	9.998 442		**.150**	
		90		90			0		
851	8.927 190	89	8.928 748	90	1.071 252	9.998 442	1	149	
852	8.927 279	89	8.928 838	90	1.071 162	9.998 441	1	148	
853	8.927 368	90	8.928 928	90	1.071 072	9.998 440	0	147	
854	8.927 458	89	8.929 018	90	1.070 982	9.998 440	1	146	
855	8.927 547	89	8.929 108	90	1.070 892	9.998 439	1	145	
856	8.927 636	89	8.929 198	90	1.070 802	9.998 438	0	144	
857	8.927 725	89	8.929 288	89	1.070 712	9.998 438	1	143	
858	8.927 814	90	8.929 377	90	1.070 623	9.998 437	1	142	
859	8.927 904	89	8.929 467	90	1.070 533	9.998 436	0	141	
.860	8.927 993	89	8.929 557	90	1.070 443	9.998 436	1	**.140**	
861	8.928 082	89	8.929 647	90	1.070 353	9.998 435	1	139	
862	8.928 171	89	8.929 737	89	1.070 263	9.998 434	0	138	
863	8.928 260	89	8.929 826	90	1.070 174	9.998 434	1	137	
864	8.928 349	89	8.929 916	90	1.070 084	9.998 433	0	136	
865	8.928 438	89	8.930 006	89	1.069 994	9.998 433	1	135	
866	8.928 527	89	8.930 095	90	1.069 905	9.998 432	1	134	
867	8.928 616	89	8.930 185	90	1.069 815	9.998 431	0	133	
868	8.928 705	89	8.930 275	89	1.069 725	9.998 431	1	132	
869	8.928 794	89	8.930 364	90	1.069 636	9.998 430	1	131	
.870	8.928 883	89	8.930 454	90	1.069 546	9.998 429	0	**.130**	
871	8.928 972	89	8.930 544	89	1.069 456	9.998 429	1	129	
872	8.929 061	89	8.930 633	90	1.069 367	9.998 428	1	128	
873	8.929 150	89	8.930 723	89	1.069 277	9.998 427	0	127	
874	8.929 239	89	8.930 812	90	1.069 188	9.998 427	1	126	
875	8.929 328	89	8.930 902	89	1.069 098	9.998 426	1	125	
876	8.929 417	89	8.930 991	90	1.069 009	9.998 425	0	124	
877	8.929 506	88	8.931 081	89	1.068 919	9.998 425	1	123	
878	8.929 594	89	8.931 170	90	1.068 830	9.998 424	1	122	
879	8.929 683	89	8.931 260	89	1.068 740	9.998 423	0	121	
.880	8.929 772	89	8.931 349	90	1.068 651	9.998 423	1	**.120**	
881	8.929 861	89	8.931 439	89	1.068 561	9.998 422	0	119	
882	8.929 950	88	8.931 528	89	1.068 472	9.998 422	1	118	
883	8.930 038	89	8.931 617	90	1.068 383	9.998 421	1	117	
884	8.930 127	89	8.931 707	89	1.068 293	9.998 420	0	116	
885	8.930 216	88	8.931 796	89	1.068 204	9.998 420	1	115	
886	8.930 304	89	8.931 885	90	1.068 115	9.998 419	1	114	
887	8.930 393	89	8.931 975	89	1.068 025	9.998 418	0	113	
888	8.930 482	88	8.932 064	89	1.067 936	9.998 418	1	112	
889	8.930 570	89	8.932 153	89	1.067 847	9.998 417	1	111	
.890	8.930 659	88	8.932 242	90	1.067 758	9.998 416	0	**.110**	
891	8.930 747	89	8.932 332	89	1.067 668	9.998 416	1	109	
892	8.930 836	89	8.932 421	89	1.067 579	9.998 415	1	108	
893	8.930 925	88	8.932 510	89	1.067 490	9.998 414	0	107	
894	8.931 013	89	8.932 599	89	1.067 401	9.998 414	1	106	
895	8.931 102	88	8.932 688	90	1.067 312	9.998 413	1	105	
896	8.931 190	89	8.932 778	89	1.067 222	9.998 412	0	104	
897	8.931 279	88	8.932 867	89	1.067 133	9.998 412	1	103	
898	8.931 367	88	8.932 956	89	1.067 044	9.998 411	0	102	
899	8.931 455	89	8.933 045	89	1.066 955	9.998 411	1	101	
.900	8.931 544		8.933 134		1.066 866	9.998 410		**.100**	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

	90
1	9.0
2	18.0
3	27.0
4	36.0
5	45.0
6	54.0
7	63.0
8	72.0
9	81.0

	89
1	8.9
2	17.8
3	26.7
4	35.6
5	44.5
6	53.4
7	62.3
8	71.2
9	80.1

	88
1	8.8
2	17.6
3	26.4
4	35.2
5	44.0
6	52.8
7	61.6
8	70.4
9	79.2

$85^\circ.150 - 85^\circ.100$

4°.900 — 4°.950

4°	sin	d	tang	d	cotg	cos	d		P.P.
.900	8.931 544	88	8.933 134	89	1.066 866	9.998 410	1	**.100**	
901	8.931 632	89	8.933 223	89	1.066 777	9.998 409	0	099	
902	8.931 721	88	8.933 312	89	1.066 688	9.998 409	1	098	
903	8.931 809	88	8.933 401	89	1.066 599	9.998 408	1	097	
904	8.931 897	89	8.933 490	89	1.066 510	9.998 407	0	096	
905	8.931 986	88	8.933 579	89	1.066 421	9.998 407	1	095	
906	8.932 074	88	8.933 668	89	1.066 332	9.998 406	1	094	
907	8.932 162	89	8.933 757	89	1.066 243	9.998 405	0	093	
908	8.932 251	88	8.933 846	89	1.066 154	9.998 405	1	092	
909	8.932 339	88	8.933 935	89	1.066 065	9.998 404	1	091	
.910	8.932 427	88	8.934 024	89	1.065 976	9.998 403	0	**.090**	
911	8.932 515	89	8.934 113	89	1.065 887	9.998 403	1	089	
912	8.932 604	88	8.934 202	88	1.065 798	9.998 402	1	088	
913	8.932 692	88	8.934 290	89	1.065 710	9.998 401	0	087	
914	8.932 780	88	8.934 379	89	1.065 621	9.998 401	1	086	
915	8.932 868	88	8.934 468	89	1.065 532	9.998 400	1	085	
916	8.932 956	88	8.934 557	89	1.065 443	9.998 399	0	084	
917	8.933 044	88	8.934 646	88	1.065 354	9.998 399	1	083	
918	8.933 132	89	8.934 734	89	1.065 266	9.998 398	0	082	
919	8.933 221	88	8.934 823	89	1.065 177	9.998 398	1	081	
.920	8.933 309	88	8.934 912	88	1.065 088	9.998 397	1	**.080**	
921	8.933 397	88	8.935 000	89	1.065 000	9.998 396	0	079	
922	8.933 485	88	8.935 089	89	1.064 911	9.998 396	1	078	
923	8.933 573	88	8.935 178	88	1.064 822	9.998 395	1	077	
924	8.933 661	88	8.935 266	89	1.064 734	9.998 394	0	076	
925	8.933 749	88	8.935 355	89	1.064 645	9.998 394	1	075	
926	8.933 837	88	8.935 444	88	1.064 556	9.998 393	1	074	
927	8.933 925	87	8.935 532	89	1.064 468	9.998 392	0	073	
928	8.934 012	88	8.935 621	88	1.064 379	9.998 392	1	072	
929	8.934 100	88	8.935 709	89	1.064 291	9.998 391	1	071	
.930	8.934 188	88	8.935 798	88	1.064 202	9.998 390	0	**.070**	
931	8.934 276	88	8.935 886	89	1.064 114	9.998 390	1	069	
932	8.934 364	88	8.935 975	88	1.064 025	9.998 389	1	068	
933	8.934 452	88	8.936 063	89	1.063 937	9.998 388	0	067	
934	8.934 540	87	8.936 152	88	1.063 848	9.998 388	1	066	
935	8.934 627	88	8.936 240	89	1.063 760	9.998 387	1	065	
936	8.934 715	88	8.936 329	88	1.063 671	9.998 386	0	064	
937	8.934 803	88	8.936 417	89	1.063 583	9.998 386	1	063	
938	8.934 891	87	8.936 506	88	1.063 494	9.998 385	1	062	
939	8.934 978	88	8.936 594	88	1.063 406	9.998 384	0	061	
.940	8.935 066	88	8.936 682	89	1.063 318	9.998 384	1	**.060**	
941	8.935 154	87	8.936 771	88	1.063 229	9.998 383	1	059	
942	8.935 241	88	8.936 859	88	1.063 141	9.998 382	0	058	
943	8.935 329	88	8.936 947	89	1.063 053	9.998 382	1	057	
944	8.935 417	87	8.937 036	88	1.062 964	9.998 381	1	056	
945	8.935 504	88	8.937 124	88	1.062 876	9.998 380	0	055	
946	8.935 592	88	8.937 212	88	1.062 788	9.998 380	1	054	
947	8.935 680	87	8.937 300	89	1.062 700	9.998 379	0	053	
948	8.935 767	88	8.937 389	88	1.062 611	9.998 379	1	052	
949	8.935 855	87	8.937 477	88	1.062 523	9.998 378	1	051	
.950	8.935 942		8.937 565		1.062 435	9.998 377		**.050**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	89
1	8.9
2	17.8
3	26.7
4	35.6
5	44.5
6	53.4
7	62.3
8	71.2
9	80.1

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1	8.8
2	17.6
3	26.4
4	35.2
5	44.0
6	52.8
7	61.6
8	70.4
9	79.2

	87
1	8.7
2	17.4
3	26.1
4	34.8
5	43.5
6	52.2
7	60.9
8	69.6
9	78.3

85°.100 — 85°.050

4°.950 — 5°.000

4°	sin	d	tang	d	cotg	cos	d		P.P.
.950	8.935 942		8.937 565		1.062 435	9.998 377		**.050**	
		88		88			0		
951	8.936 030		8.937 653		1.062 347	9.998 377		049	
		87		88			1		
952	8.936 117		8.937 741		1.062 259	9.998 376		048	
		88		88			1		
953	8.936 205		8.937 829		1.062 171	9.998 375		047	
		87		89			0		
954	8.936 292		8.937 918		1.062 082	9.998 375		046	
		88		88			1		
955	8.936 380		8.938 006		1.061 994	9.998 374		045	
		87		88			1		
956	8.936 467		8.938 094		1.061 906	9.998 373		044	
		87		88			0		
957	8.936 554		8.938 182		1.061 818	9.998 373		043	
		88		88			1		
958	8.936 642		8.938 270		1.061 730	9.998 372		042	
		87		88			1		
959	8.936 729		8.938 358		1.061 642	9.998 371		041	
		87		88			0		
.960	8.936 816		8.938 446		1.061 554	9.998 371		**.040**	
		88		88			1		
961	8.936 904		8.938 534		1.061 466	9.998 370		039	
		87		88			1		
962	8.936 991		8.938 622		1.061 378	9.998 369		038	
		87		88			0		
963	8.937 078		8.938 710		1.061 290	9.998 369		037	
		88		88			1		
964	8.937 166		8.938 798		1.061 202	9.998 368		036	
		87		88			1		
965	8.937 253		8.938 886		1.061 114	9.998 367		035	
		87		87			0		
966	8.937 340		8.938 973		1.061 027	9.998 367		034	
		87		88			1		
967	8.937 427		8.939 061		1.060 939	9.998 366		033	
		88		88			1		
968	8.937 515		8.939 149		1.060 851	9.998 365		032	
		87		88			0		
969	8.937 602		8.939 237		1.060 763	9.998 365		031	
		87		88			1		
.970	8.937 689		8.939 325		1.060 675	9.998 364		**.030**	
		87		88			1		
971	8.937 776		8.939 413		1.060 587	9.998 363		029	
		87		88			0		
972	8.937 863		8.939 501		1.060 499	9.998 363		028	
		87		87			1		
973	8.937 950		8.939 588		1.060 412	9.998 362		027	
		88		88			1		
974	8.938 038		8.939 676		1.060 324	9.998 361		026	
		87		88			0		
975	8.938 125		8.939 764		1.060 236	9.998 361		025	
		87		88			1		
976	8.938 212		8.939 852		1.060 148	9.998 360		024	
		87		87			1		
977	8.938 299		8.939 939		1.060 061	9.998 359		023	
		87		88			0		
978	8.938 386		8.940 027		1.059 973	9.998 359		022	
		87		88			1		
979	8.938 473		8.940 115		1.059 885	9.998 358		021	
		87		87			1		
.980	8.938 560		8.940 202		1.059 798	9.998 357		**.020**	
		87		88			0		
981	8.938 647		8.940 290		1.059 710	9.998 357		019	
		87		88			1		
982	8.938 734		8.940 378		1.059 622	9.998 356		018	
		87		87			1		
983	8.938 821		8.940 465		1.059 535	9.998 355		017	
		87		88			0		
984	8.938 908		8.940 553		1.059 447	9.998 355		016	
		86		87			1		
985	8.938 994		8.940 640		1.059 360	9.998 354		015	
		87		88			1		
986	8.939 081		8.940 728		1.059 272	9.998 353		014	
		87		87			0		
987	8.939 168		8.940 815		1.059 185	9.998 353		013	
		87		88			1		
988	8.939 255		8.940 903		1.059 097	9.998 352		012	
		87		87			0		
989	8.939 342		8.940 990		1.059 010	9.998 352		011	
		87		88			1		
.990	8.939 429		8.941 078		1.058 922	9.998 351		**.010**	
		87		87			1		
991	8.939 516		8.941 165		1.058 835	9.998 350		009	
		86		88			0		
992	8.939 602		8.941 253		1.058 747	9.998 350		008	
		87		87			1		
993	8.939 689		8.941 340		1.058 660	9.998 349		007	
		87		88			1		
994	8.939 776		8.941 428		1.058 572	9.998 348		006	
		87		87			0		
995	8.939 863		8.941 515		1.058 485	9.998 348		005	
		86		87			1		
996	8.939 949		8.941 602		1.058 398	9.998 347		004	
		87		88			1		
997	8.940 036		8.941 690		1.058 310	9.998 346		003	
		87		87			0		
998	8.940 123		8.941 777		1.058 223	9.998 346		002	
		86		87			1		
999	8.940 209		8.941 864		1.058 136	9.998 345		001	
		87		88			1		
***000**	8.940 296		8.941 952		1.058 048	9.998 344		**.000**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	89
1	8.9
2	17.8
3	26.7
4	35.6
5	44.5
6	53.4
7	62.3
8	71.2
9	80.1

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1	8.8
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5	44.0
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7	61.6
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9	79.2

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1	8.7
2	17.4
3	26.1
4	34.8
5	43.5
6	52.2
7	60.9
8	69.6
9	78.3

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2	17.2
3	25.8
4	34.4
5	43.0
6	51.6
7	60.2
8	68.8
9	77.4

85°.050 — 85°.000

5°.000 — 5°.050

5°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.940 296		8.941 952		1.058 048	9.998 344		***000**	
		87		87			0		
001	8.940 383		8.942 039		1.057 961	9.998 344		999	
002	8.940 469	86	8.942 126	87	1.057 874	9.998 343	1	998	
003	8.940 556	87	8.942 214	88	1.057 786	9.998 342	1	997	
		86		87			0		
004	8.940 642		8.942 301		1.057 699	9.998 342		996	
005	8.940 729	87	8.942 388	87	1.057 612	9.998 341	1	995	
006	8.940 816	87	8.942 475	87	1.057 525	9.998 340	1	994	
		86		87			0		
007	8.940 902		8.942 562		1.057 438	9.998 340		993	
008	8.940 989	87	8.942 650	88	1.057 350	9.998 339	1	992	
009	8.941 075	86	8.942 737	87	1.057 263	9.998 338	1	991	
		87		87			0		
.010	8.941 162		8.942 824		1.057 176	9.998 338		**.990**	
		86		87			1		
011	8.941 248		8.942 911		1.057 089	9.998 337		989	
012	8.941 334	86	8.942 998	87	1.057 002	9.998 336	1	988	
013	8.941 421	87	8.943 085	87	1.056 915	9.998 336	0	987	
		86		87			1		
014	8.941 507		8.943 172		1.056 828	9.998 335		986	
015	8.941 594	87	8.943 259	87	1.056 741	9.998 334	1	985	
016	8.941 680	86	8.943 346	87	1.056 654	9.998 334	0	984	
		86		87			1		
017	8.941 766		8.943 433		1.056 567	9.998 333		983	
018	8.941 853	87	8.943 520	87	1.056 480	9.998 332	1	982	
019	8.941 939	86	8.943 607	87	1.056 393	9.998 332	0	981	
		86		87			1		
.020	8.942 025		8.943 694		1.056 306	9.998 331		**.980**	
		87		87			1		
021	8.942 112		8.943 781		1.056 219	9.998 330		979	
022	8.942 198	86	8.943 868	87	1.056 132	9.998 330	0	978	
023	8.942 284	86	8.943 955	87	1.056 045	9.998 329	1	977	
		86		87			1		
024	8.942 370		8.944 042		1.055 958	9.998 328		976	
025	8.942 457	87	8.944 129	87	1.055 871	9.998 328	0	975	
026	8.942 543	86	8.944 216	87	1.055 784	9.998 327	1	974	
		86		87			1		
027	8.942 629		8.944 303		1.055 697	9.998 326		973	
028	8.942 715	86	8.944 389	86	1.055 611	9.998 326	0	972	
029	8.942 801	86	8.944 476	87	1.055 524	9.998 325	1	971	
		86		87			1		
.030	8.942 887		8.944 563		1.055 437	9.998 324		**.970**	
		86		87			0		
031	8.942 973		8.944 650		1.055 350	9.998 324		969	
032	8.943 060	87	8.944 737	87	1.055 263	9.998 323	1	968	
033	8.943 146	86	8.944 823	86	1.055 177	9.998 322	1	967	
		86		87			0		
034	8.943 232		8.944 910		1.055 090	9.998 322		966	
035	8.943 318	86	8.944 997	87	1.055 003	9.998 321	1	965	
036	8.943 404	86	8.945 083	86	1.054 917	9.998 320	1	964	
		86		87			0		
037	8.943 490		8.945 170		1.054 830	9.998 320		963	
038	8.943 576	86	8.945 257	87	1.054 743	9.998 319	1	962	
039	8.943 662	86	8.945 343	86	1.054 657	9.998 318	1	961	
		86		87			0		
.040	8.943 748		8.945 430		1.054 570	9.998 318		**.960**	
		86		87			1		
041	8.943 834		8.945 517		1.054 483	9.998 317		959	
042	8.943 920	86	8.945 603	86	1.054 397	9.998 316	1	958	
043	8.944 005	85	8.945 690	87	1.054 310	9.998 316	0	957	
		86		86			1		
044	8.944 091		8.945 776		1.054 224	9.998 315		956	
045	8.944 177	86	8.945 863	87	1.054 137	9.998 314	1	955	
046	8.944 263	86	8.945 949	86	1.054 051	9.998 314	0	954	
		86		87			1		
047	8.944 349		8.946 036		1.053 964	9.998 313		953	
048	8.944 435	86	8.946 122	86	1.053 878	9.998 312	1	952	
049	8.944 521	86	8.946 209	87	1.053 791	9.998 312	0	951	
		85		86			1		
.050	8.944 606		8.946 295		1.053 705	9.998 311		**.950**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	88
1	8.8
2	17.6
3	26.4
4	35.2
5	44.0
6	52.8
7	61.6
8	70.4
9	79.2

	87
1	8.7
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5	43.5
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7	60.9
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	86
1	8.6
2	17.2
3	25.8
4	34.4
5	43.0
6	51.6
7	60.2
8	68.8
9	77.4

	85
1	8.5
2	17.0
3	25.5
4	34.0
5	42.5
6	51.0
7	59.5
8	68.0
9	76.5

85°.000 — 84°.950

5°.050 — 5°.100

5°	sin	d	tang	d	cotg	cos	d		P.P.
.050	8.944 606		8.946 295		1.053 705	9.998 311		**.950**	
		86		87			1		
051	8.944 692		8.946 382		1.053 618	9.998 310		949	
052	8.944 778	86	8.946 468	86	1.053 532	9.998 310	0	948	
053	8.944 864	86	8.946 555	87	1.053 445	9.998 309	1	947	
		85		86			1		
054	8.944 949		8.946 641		1.053 359	9.998 308		946	
055	8.945 035	86	8.946 727	86	1.053 273	9.998 308	0	945	
056	8.945 121	86	8.946 814	87	1.053 186	9.998 307	1	944	
		85		86			1		
057	8.945 206		8.946 900		1.053 100	9.998 306		943	
058	8.945 292	86	8.946 986	86	1.053 014	9.998 306	0	942	
059	8.945 378	86	8.947 073	87	1.052 927	9.998 305	1	941	
		85		86			1		
.060	8.945 463		8.947 159		1.052 841	9.998 304		**.940**	
		86		86			0		
061	8.945 549		8.947 245		1.052 755	9.998 304		939	
062	8.945 634	85	8.947 332	87	1.052 668	9.998 303	1	938	
063	8.945 720	86	8.947 418	86	1.052 582	9.998 302	1	937	
		85		86			0		
064	8.945 805		8.947 504		1.052 496	9.998 302		936	
065	8.945 891	86	8.947 590	86	1.052 410	9.998 301	1	935	
066	8.945 977	86	8.947 676	86	1.052 324	9.998 300	1	934	
		85		87			1		
067	8.946 062		8.947 763		1.052 237	9.998 299		933	
068	8.946 148	86	8.947 849	86	1.052 151	9.998 299	0	932	
069	8.946 233	85	8.947 935	86	1.052 065	9.998 298	1	931	
		85		86			1		
.070	8.946 318		8.948 021		1.051 979	9.998 297		**.930**	
		86		86			0		
071	8.946 404		8.948 107		1.051 893	9.998 297		929	
072	8.946 489	85	8.948 193	86	1.051 807	9.998 296	1	928	
073	8.946 575	86	8.948 279	86	1.051 721	9.998 295	1	927	
		85		86			0		
074	8.946 660		8.948 365		1.051 635	9.998 295		926	
075	8.946 745	85	8.948 451	86	1.051 549	9.998 294	1	925	
076	8.946 831	86	8.948 537	86	1.051 463	9.998 293	1	924	
		85		86			0		
077	8.946 916		8.948 623		1.051 377	9.998 293		923	
078	8.947 001	85	8.948 709	86	1.051 291	9.998 292	1	922	
079	8.947 087	86	8.948 795	86	1.051 205	9.998 291	1	921	
		85		86			0		
.080	8.947 172		8.948 881		1.051 119	9.998 291		**.920**	
		85		86			1		
081	8.947 257		8.948 967		1.051 033	9.998 290		919	
082	8.947 342	85	8.949 053	86	1.050 947	9.998 289	1	918	
083	8.947 428	86	8.949 139	86	1.050 861	9.998 289	0	917	
		85		86			1		
084	8.947 513		8.949 225		1.050 775	9.998 288		916	
085	8.947 598	85	8.949 311	86	1.050 689	9.998 287	1	915	
086	8.947 683	85	8.949 397	86	1.050 603	9.998 287	0	914	
		85		85			1		
087	8.947 768		8.949 482		1.050 518	9.998 286		913	
088	8.947 854	86	8.949 568	86	1.050 432	9.998 285	1	912	
089	8.947 939	85	8.949 654	86	1.050 346	9.998 285	0	911	
		85		86			1		
.090	8.948 024		8.949 740		1.050 260	9.998 284		**.910**	
		85		86			1		
091	8.948 109		8.949 826		1.050 174	9.998 283		909	
092	8.948 194	85	8.949 911	85	1.050 089	9.998 283	0	908	
093	8.948 279	85	8.949 997	86	1.050 003	9.998 282	1	907	
		85		86			1		
094	8.948 364		8.950 083		1.049 917	9.998 281		906	
095	8.948 449	85	8.950 168	85	1.049 832	9.998 281	0	905	
096	8.948 534	85	8.950 254	86	1.049 746	9.998 280	1	904	
		85		86			1		
097	8.948 619		8.950 340		1.049 660	9.998 279		903	
098	8.948 704	85	8.950 425	85	1.049 575	9.998 279	0	902	
099	8.948 789	85	8.950 511	86	1.049 489	9.998 278	1	901	
		85		86			1		
.100	8.948 874		8.950 597		1.049 403	9.998 277		**.900**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	87
1	8.7
2	17.4
3	26.1
4	34.8
5	43.5
6	52.2
7	60.9
8	69.6
9	78.3

	86
1	8.6
2	17.2
3	25.8
4	34.4
5	43.0
6	51.6
7	60.2
8	68.8
9	77.4

	85
1	8.5
2	17.0
3	25.5
4	34.0
5	42.5
6	51.0
7	59.5
8	68.0
9	76.5

84°.950 — 84°.900

5°.100 — 5°.150

5°	sin	d	tang	d	cotg	cos	d		P.P.
.100	8.948 874		8.950 597		1.049 403	9.998 277		**.900**	
		85		85			0		
101	8.948 959		8.950 682		1.049 318	9.998 277		899	
		85		86			1		
102	8.949 044		8.950 768		1.049 232	9.998 276		898	
		85		85			1		
103	8.949 129		8.950 853		1.049 147	9.998 275		897	
		84		86			0		
104	8.949 213		8.950 939		1.049 061	9.998 275		896	
		85		85			1		
105	8.949 298		8.951 024		1.048 976	9.998 274		895	
		85		86			1		
106	8.949 383		8.951 110		1.048 890	9.998 273		894	
		85		85			0		
107	8.949 468		8.951 195		1.048 805	9.998 273		893	
		85		86			1		
108	8.949 553		8.951 281		1.048 719	9.998 272		892	
		85		85			1		
109	8.949 638		8.951 366		1.048 634	9.998 271		891	
		84		86			1		
.110	8.949 722		8.951 452		1.048 548	9.998 270		**.890**	
		85		85			0		
111	8.949 807		8.951 537		1.048 463	9.998 270		889	
		85		86			1		
112	8.949 892		8.951 623		1.048 377	9.998 269		888	
		85		85			1		
113	8.949 977		8.951 708		1.048 292	9.998 268		887	
		84		86			0		
114	8.950 061		8.951 794		1.048 206	9.998 268		886	
		85		85			1		
115	8.950 146		8.951 879		1.048 121	9.998 267		885	
		85		85			1		
116	8.950 231		8.951 964		1.048 036	9.998 266		884	
		84		86			0		
117	8.950 315		8.952 050		1.047 950	9.998 266		883	
		85		85			1		
118	8.950 400		8.952 135		1.047 865	9.998 265		882	
		85		85			1		
119	8.950 485		8.952 220		1.047 780	9.998 264		881	
		84		85			0		
.120	8.950 569		8.952 305		1.047 695	9.998 264		**.880**	
		85		86			1		
121	8.950 654		8.952 391		1.047 609	9.998 263		879	
		84		85			1		
122	8.950 738		8.952 476		1.047 524	9.998 262		878	
		85		85			0		
123	8.950 823		8.952 561		1.047 439	9.998 262		877	
		84		85			1		
124	8.950 907		8.952 646		1.047 354	9.998 261		876	
		85		86			1		
125	8.950 992		8.952 732		1.047 268	9.998 260		875	
		84		85			0		
126	8.951 076		8.952 817		1.047 183	9.998 260		874	
		85		85			1		
127	8.951 161		8.952 902		1.047 098	9.998 259		873	
		84		85			1		
128	8.951 245		8.952 987		1.047 013	9.998 258		872	
		85		85			0		
129	8.951 330		8.953 072		1.046 928	9.998 258		871	
		84		85			1		
.130	8.951 414		8.953 157		1.046 843	9.998 257		**.870**	
		85		86			1		
131	8.951 499		8.953 243		1.046 757	9.998 256		869	
		84		85			0		
132	8.951 583		8.953 328		1.046 672	9.998 256		868	
		85		85			1		
133	8.951 668		8.953 413		1.046 587	9.998 255		867	
		84		85			1		
134	8.951 752		8.953 498		1.046 502	9.998 254		866	
		84		85			1		
135	8.951 836		8.953 583		1.046 417	9.998 253		865	
		85		85			0		
136	8.951 921		8.953 668		1.046 332	9.998 253		864	
		84		85			1		
137	8.952 005		8.953 753		1.046 247	9.998 252		863	
		84		85			1		
138	8.952 089		8.953 838		1.046 162	9.998 251		862	
		85		85			0		
139	8.952 174		8.953 923		1.046 077	9.998 251		861	
		84		85			1		
.140	8.952 258		8.954 008		1.045 992	9.998 250		**.860**	
		84		85			1		
141	8.952 342		8.954 093		1.045 907	9.998 249		859	
		84		85			0		
142	8.952 426		8.954 178		1.045 822	9.998 249		858	
		85		84			1		
143	8.952 511		8.954 262		1.045 738	9.998 248		857	
		84		85			1		
144	8.952 595		8.954 347		1.045 653	9.998 247		856	
		84		85			0		
145	8.952 679		8.954 432		1.045 568	9.998 247		855	
		84		85			1		
146	8.952 763		8.954 517		1.045 483	9.998 246		854	
		84		85			1		
147	8.952 847		8.954 602		1.045 398	9.998 245		853	
		84		85			0		
148	8.952 931		8.954 687		1.045 313	9.998 245		852	
		85		85			1		
149	8.953 016		8.954 772		1.045 228	9.998 244		851	
		84		84			1		
.150	8.953 100		8.954 856		1.045 144	9.998 243		**.850**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	86
1	8.6
2	17.2
3	25.8
4	34.4
5	43.0
6	51.6
7	60.2
8	68.8
9	77.4

	85
1	8.5
2	17.0
3	25.5
4	34.0
5	42.5
6	51.0
7	59.5
8	68.0
9	76.5

	84
1	8.4
2	16.8
3	25.2
4	33.6
5	42.0
6	50.4
7	58.8
8	67.2
9	75.6

84°.900 — 84°.850

5°.150 — 5°.200

5°	sin	d	tang	d	cotg	cos	d		P.P.
.150	8.953 100		8.954 856		1.045 144	9.998 243		**.850**	
		84		85			0		
151	8.953 184		8.954 941		1.045 059	9.998 243		849	
152	8.953 268	84	8.955 026	85	1.044 974	9.998 242	1	848	
153	8.953 352	84	8.955 111	85	1.044 889	9.998 241	1	847	
		84		84			0		
154	8.953 436		8.955 195		1.044 805	9.998 241		846	
155	8.953 520	84	8.955 280	85	1.044 720	9.998 240	1	845	
156	8.953 604	84	8.955 365	85	1.044 635	9.998 239	1	844	
		84		84			1		
157	8.953 688		8.955 449		1.044 551	9.998 238		843	
158	8.953 772	84	8.955 534	85	1.044 466	9.998 238	0	842	
159	8.953 856	84	8.955 619	85	1.044 381	9.998 237	1	841	
		84		84			1		
.160	8.953 940		8.955 703		1.044 297	9.998 236		**.840**	
		84		85			0		
161	8.954 024		8.955 788		1.044 212	9.998 236		839	
162	8.954 108	84	8.955 873	85	1.044 127	9.998 235	1	838	
163	8.954 192	84	8.955 957	84	1.044 043	9.998 234	1	837	
		83		85			0		
164	8.954 275		8.956 042		1.043 958	9.998 234		836	
165	8.954 359	84	8.956 126	84	1.043 874	9.998 233	1	835	
166	8.954 443	84	8.956 211	85	1.043 789	9.998 232	1	834	
		84		84			0		
167	8.954 527		8.956 295		1.043 705	9.998 232		833	
168	8.954 611	84	8.956 380	85	1.043 620	9.998 231	1	832	
169	8.954 695	84	8.956 464	84	1.043 536	9.998 230	1	831	
		83		85			0		
.170	8.954 778		8.956 549		1.043 451	9.998 230		**.830**	
		84		84			1		
171	8.954 862		8.956 633		1.043 367	9.998 229		829	
172	8.954 946	84	8.956 718	85	1.043 282	9.998 228	1	828	
173	8.955 030	84	8.956 802	84	1.043 198	9.998 228	0	827	
		83		85			1		
174	8.955 113		8.956 887		1.043 113	9.998 227		826	
175	8.955 197	84	8.956 971	84	1.043 029	9.998 226	1	825	
176	8.955 281	84	8.957 055	84	1.042 945	9.998 225	1	824	
		83		85			0		
177	8.955 364		8.957 140		1.042 860	9.998 225		823	
178	8.955 448	84	8.957 224	84	1.042 776	9.998 224	1	822	
179	8.955 532	84	8.957 308	84	1.042 692	9.998 223	1	821	
		83		85			0		
.180	8.955 615		8.957 393		1.042 607	9.998 223		**.820**	
		84		84			1		
181	8.955 699		8.957 477		1.042 523	9.998 222		819	
182	8.955 783	84	8.957 561	84	1.042 439	9.998 221	1	818	
183	8.955 866	83	8.957 645	84	1.042 355	9.998 221	0	817	
		84		85			1		
184	8.955 950		8.957 730		1.042 270	9.998 220		816	
185	8.956 033	83	8.957 814	84	1.042 186	9.998 219	1	815	
186	8.956 117	84	8.957 898	84	1.042 102	9.998 219	0	814	
		83		84			1		
187	8.956 200		8.957 982		1.042 018	9.998 218		813	
188	8.956 284	84	8.958 067	85	1.041 933	9.998 217	1	812	
189	8.956 367	83	8.958 151	84	1.041 849	9.998 217	0	811	
		84		84			1		
.190	8.956 451		8.958 235		1.041 765	9.998 216		**.810**	
		83		84			1		
191	8.956 534		8.958 319		1.041 681	9.998 215		809	
192	8.956 618	84	8.958 403	84	1.041 597	9.998 214	1	808	
193	8.956 701	83	8.958 487	84	1.041 513	9.998 214	0	807	
		83		84			1		
194	8.956 784		8.958 571		1.041 429	9.998 213		806	
195	8.956 868	84	8.958 655	84	1.041 345	9.998 212	1	805	
196	8.956 951	83	8.958 739	84	1.041 261	9.998 212	0	804	
		83		84			1		
197	8.957 034		8.958 823		1.041 177	9.998 211		803	
198	8.957 118	84	8.958 907	84	1.041 093	9.998 210	1	802	
199	8.957 201	83	8.958 991	84	1.041 009	9.998 210	0	801	
		83		84			1		
.200	8.957 284		8.959 075		1.040 925	9.998 209		**.800**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	85
1	8.5
2	17.0
3	25.5
4	34.0
5	42.5
6	51.0
7	59.5
8	68.0
9	76.5

	84
1	8.4
2	16.8
3	25.2
4	33.6
5	42.0
6	50.4
7	58.8
8	67.2
9	75.6

	83
1	8.3
2	16.6
3	24.9
4	33.2
5	41.5
6	49.8
7	58.1
8	66.4
9	74.7

84°.850 — 84°.800

5°.200 — 5°.250

5°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.957 284		8.959 075		1.040 925	9.998 209		**.800**	
		84		84			1		
201	8.957 368		8.959 159		1.040 841	9.998 208		799	
202	8.957 451	83	8.959 243	84	1.040 757	9.998 208	0	798	
203	8.957 534	83	8.959 327	84	1.040 673	9.998 207	1	797	
		83		84			1		
204	8.957 617		8.959 411		1.040 589	9.998 206		796	
205	8.957 701	84	8.959 495	84	1.040 505	9.998 205	1	795	
206	8.957 784	83	8.959 579	84	1.040 421	9.998 205	0	794	
		83		84			1		
207	8.957 867		8.959 663		1.040 337	9.998 204		793	
208	8.957 950	83	8.959 747	84	1.040 253	9.998 203	1	792	
209	8.958 033	83	8.959 831	84	1.040 169	9.998 203	0	791	
		83		83			1		
.210	8.958 116		8.959 914		1.040 086	9.998 202		**.790**	
		84		84			1		
211	8.958 200		8.959 998		1.040 002	9.998 201		789	
212	8.958 283	83	8.960 082	84	1.039 918	9.998 201	0	788	
213	8.958 366	83	8.960 166	84	1.039 834	9.998 200	1	787	
		83		84			1		
214	8.958 449		8.960 250		1.039 750	9.998 199		786	
215	8.958 532	83	8.960 333	83	1.039 667	9.998 199	0	785	
216	8.958 615	83	8.960 417	84	1.039 583	9.998 198	1	784	
		83		84			1		
217	8.958 698		8.960 501		1.039 499	9.998 197		783	
218	8.958 781	83	8.960 584	83	1.039 416	9.998 196	1	782	
219	8.958 864	83	8.960 668	84	1.039 332	9.998 196	0	781	
		83		84			1		
.220	8.958 947		8.960 752		1.039 248	9.998 195		**.780**	
		83		83			1		
221	8.959 030		8.960 835		1.039 165	9.998 194		779	
222	8.959 113	83	8.960 919	84	1.039 081	9.998 194	0	778	
223	8.959 196	83	8.961 003	84	1.038 997	9.998 193	1	777	
		83		83			1		
224	8.959 279		8.961 086		1.038 914	9.998 192		776	
225	8.959 362	83	8.961 170	84	1.038 830	9.998 192	0	775	
226	8.959 444	82	8.961 253	83	1.038 747	9.998 191	1	774	
		83		84			1		
227	8.959 527		8.961 337		1.038 663	9.998 190		773	
228	8.959 610	83	8.961 421	84	1.038 579	9.998 190	0	772	
229	8.959 693	83	8.961 504	83	1.038 496	9.998 189	1	771	
		83		84			1		
.230	8.959 776		8.961 588		1.038 412	9.998 188		**.770**	
		83		83			1		
231	8.959 859		8.961 671		1.038 329	9.998 187		769	
232	8.959 941	82	8.961 755	84	1.038 245	9.998 187	0	768	
233	8.960 024	83	8.961 838	83	1.038 162	9.998 186	1	767	
		83		83			1		
234	8.960 107		8.961 921		1.038 079	9.998 185		766	
235	8.960 190	83	8.962 005	84	1.037 995	9.998 185	0	765	
236	8.960 272	82	8.962 088	83	1.037 912	9.998 184	1	764	
		83		84			1		
237	8.960 355		8.962 172		1.037 828	9.998 183		763	
238	8.960 438	83	8.962 255	83	1.037 745	9.998 183	0	762	
239	8.960 520	82	8.962 338	83	1.037 662	9.998 182	1	761	
		83		84			1		
.240	8.960 603		8.962 422		1.037 578	9.998 181		**.760**	
		83		83			1		
241	8.960 686		8.962 505		1.037 495	9.998 181		759	
242	8.960 768	82	8.962 589	84	1.037 411	9.998 180	1	758	
243	8.960 851	83	8.962 672	83	1.037 328	9.998 179	1	757	
		83		83			1		
244	8.960 934		8.962 755		1.037 245	9.998 178		756	
245	8.961 016	82	8.962 838	83	1.037 162	9.998 178	0	755	
246	8.961 099	83	8.962 922	84	1.037 078	9.998 177	1	754	
		82		83			1		
247	8.961 181		8.963 005		1.036 995	9.998 176		753	
248	8.961 264	83	8.963 088	83	1.036 912	9.998 176	0	752	
249	8.961 346	82	8.963 171	83	1.036 829	9.998 175	1	751	
		83		84			1		
.250	8.961 429		8.963 255		1.036 745	9.998 174		**.750**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	84
1	8.4
2	16.8
3	25.2
4	33.6
5	42.0
6	50.4
7	58.8
8	67.2
9	75.6

	83
1	8.3
2	16.6
3	24.9
4	33.2
5	41.5
6	49.8
7	58.1
8	66.4
9	74.7

	82
1	8.2
2	16.4
3	24.6
4	32.8
5	41.0
6	49.2
7	57.4
8	65.6
9	73.8

84°.800 — 84°.750

5°.250 — 5°.300

5°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.961 429		8.963 255		1.036 745	9.998 174		**.750**	
		82		83			0		
251	8.961 511		8.963 338		1.036 662	9.998 174		749	
252	8.961 594	83	8.963 421	83	1.036 579	9.998 173	1	748	
253	8.961 676	82	8.963 504	83	1.036 496	9.998 172	1	747	
		83		83			1		84
254	8.961 759		8.963 587		1.036 413	9.998 171		746	1 8.4
255	8.961 841	82	8.963 670	83	1.036 330	9.998 171	0	745	2 16.8
256	8.961 923	82	8.963 753	83	1.036 247	9.998 170	1	744	3 25.2
		83		83			1		4 33.6
257	8.962 006		8.963 836		1.036 164	9.998 169		743	5 42.0
258	8.962 088	82	8.963 920	84	1.036 080	9.998 169	0	742	6 50.4
259	8.962 171	83	8.964 003	83	1.035 997	9.998 168	1	741	7 58.8
		82		83			1		8 67.2
.260	8.962 253		8.964 086		1.035 914	9.998 167		**.740**	9 75.6
		82		83			0		
261	8.962 335		8.964 169		1.035 831	9.998 167		739	
262	8.962 418	83	8.964 252	83	1.035 748	9.998 166	1	738	
263	8.962 500	82	8.964 335	83	1.035 665	9.998 165	1	737	
		82		83			0		
264	8.962 582		8.964 418		1.035 582	9.998 165		736	
265	8.962 664	82	8.964 501	83	1.035 499	9.998 164	1	735	83
266	8.962 747	83	8.964 584	83	1.035 416	9.998 163	1	734	
		82		82			1		1 8.3
267	8.962 829		8.964 666		1.035 334	9.998 162		733	2 16.6
268	8.962 911	82	8.964 749	83	1.035 251	9.998 162	0	732	3 24.9
269	8.962 993	82	8.964 832	83	1.035 168	9.998 161	1	731	4 33.2
		82		83			1		5 41.5
.270	8.963 075		8.964 915		1.035 085	9.998 160		**.730**	6 49.8
		83		83			0		7 58.1
271	8.963 158		8.964 998		1.035 002	9.998 160		729	8 66.4
272	8.963 240	82	8.965 081	83	1.034 919	9.998 159	1	728	9 74.7
273	8.963 322	82	8.965 164	83	1.034 836	9.998 158	1	727	
		82		83			0		
274	8.963 404		8.965 247		1.034 753	9.998 158		726	
275	8.963 486	82	8.965 329	82	1.034 671	9.998 157	1	725	
276	8.963 568	82	8.965 412	83	1.034 588	9.998 156	1	724	
		82		83			1		82
277	8.963 650		8.965 495		1.034 505	9.998 155		723	
278	8.963 732	82	8.965 578	83	1.034 422	9.998 155	0	722	1 8.2
279	8.963 814	82	8.965 660	82	1.034 340	9.998 154	1	721	2 16.4
		82		83			1		3 24.6
.280	8.963 896		8.965 743		1.034 257	9.998 153		**.720**	4 32.8
		82		83			0		5 41.0
281	8.963 978		8.965 826		1.034 174	9.998 153		719	6 49.2
282	8.964 060	82	8.965 909	83	1.034 091	9.998 152	1	718	7 57.4
283	8.964 142	82	8.965 991	82	1.034 009	9.998 151	1	717	8 65.6
		82		83			0		9 73.8
284	8.964 224		8.966 074		1.033 926	9.998 151		716	
285	8.964 306	82	8.966 157	83	1.033 843	9.998 150	1	715	
286	8.964 388	82	8.966 239	82	1.033 761	9.998 149	1	714	
		82		83			1		81
287	8.964 470		8.966 322		1.033 678	9.998 148		713	
288	8.964 552	82	8.966 404	82	1.033 596	9.998 148	0	712	1 8.1
289	8.964 634	82	8.966 487	83	1.033 513	9.998 147	1	711	2 16.2
		82		83			1		3 24.3
.290	8.964 716		8.966 570		1.033 430	9.998 146		**.710**	4 32.4
		82		82			0		5 40.5
291	8.964 798		8.966 652		1.033 348	9.998 146		709	6 48.6
292	8.964 880	82	8.966 735	83	1.033 265	9.998 145	1	708	7 56.7
293	8.964 961	81	8.966 817	82	1.033 183	9.998 144	1	707	8 64.8
		82		83			1		9 72.9
294	8.965 043		8.966 900		1.033 100	9.998 143		706	
295	8.965 125	82	8.966 982	82	1.033 018	9.998 143	0	705	
296	8.965 207	82	8.967 065	83	1.032 935	9.998 142	1	704	
		82		82			1		
297	8.965 289		8.967 147		1.032 853	9.998 141		703	
298	8.965 370	81	8.967 230	83	1.032 770	9.998 141	0	702	
299	8.965 452	82	8.967 312	82	1.032 688	9.998 140	1	701	
		82		82			1		
.300	8.965 534		8.967 394		1.032 606	9.998 139		**.700**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

84°.750 — 84°.700

5°.300 — 5°.350

5°	sin	d	tang	d	cotg	cos	d		P.P.
.300	8.965 534		8.967 394		1.032 606	9.998 139		**.700**	
		81		83			0		
301	8.965 615		8.967 477		1.032 523	9.998 139		699	
302	8.965 697	82	8.967 559	82	1.032 441	9.998 138	1	698	
303	8.965 779	82	8.967 642	83	1.032 358	9.998 137	1	697	
		81		82			1		
304	8.965 860		8.967 724		1.032 276	9.998 136		696	
305	8.965 942	82	8.967 806	82	1.032 194	9.998 136	0	695	
306	8.966 024	82	8.967 889	83	1.032 111	9.998 135	1	694	
		81		82			1		
307	8.966 105		8.967 971		1.032 029	9.998 134		693	
308	8.966 187	82	8.968 053	82	1.031 947	9.998 134	0	692	
309	8.966 268	81	8.968 136	83	1.031 864	9.998 133	1	691	
		82		82			1		
.310	8.966 350		8.968 218		1.031 782	9.998 132		**.690**	
		82		82			0		
311	8.966 432		8.968 300		1.031 700	9.998 132		689	
312	8.966 513	81	8.968 382	82	1.031 618	9.998 131	1	688	
313	8.966 595	82	8.968 464	82	1.031 536	9.998 130	1	687	
		81		83			1		
314	8.966 676		8.968 547		1.031 453	9.998 129		686	
315	8.966 758	82	8.968 629	82	1.031 371	9.998 129	0	685	
316	8.966 839	81	8.968 711	82	1.031 289	9.998 128	1	684	
		82		82			1		
317	8.966 921		8.968 793		1.031 207	9.998 127		683	
318	8.967 002	81	8.968 875	82	1.031 125	9.998 127	0	682	
319	8.967 083	81	8.968 957	82	1.031 043	9.998 126	1	681	
		82		83			1		
.320	8.967 165		8.969 040		1.030 960	9.998 125		**.680**	
		81		82			1		
321	8.967 246		8.969 122		1.030 878	9.998 124		679	
322	8.967 328	82	8.969 204	82	1.030 796	9.998 124	0	678	
323	8.967 409	81	8.969 286	82	1.030 714	9.998 123	1	677	
		81		82			1		
324	8.967 490		8.969 368		1.030 632	9.998 122		676	
325	8.967 572	82	8.969 450	82	1.030 550	9.998 122	0	675	
326	8.967 653	81	8.969 532	82	1.030 468	9.998 121	1	674	
		81		82			1		
327	8.967 734		8.969 614		1.030 386	9.998 120		673	
328	8.967 815	81	8.969 696	82	1.030 304	9.998 120	0	672	
329	8.967 897	82	8.969 778	82	1.030 222	9.998 119	1	671	
		81		82			1		
.330	8.967 978		8.969 860		1.030 140	9.998 118		**.670**	
		81		82			1		
331	8.968 059		8.969 942		1.030 058	9.998 117		669	
332	8.968 140	81	8.970 024	82	1.029 976	9.998 117	0	668	
333	8.968 222	82	8.970 106	82	1.029 894	9.998 116	1	667	
		81		82			1		
334	8.968 303		8.970 188		1.029 812	9.998 115		666	
335	8.968 384	81	8.970 269	81	1.029 731	9.998 115	0	665	
336	8.968 465	81	8.970 351	82	1.029 649	9.998 114	1	664	
		81		82			1		
337	8.968 546		8.970 433		1.029 567	9.998 113		663	
338	8.968 627	81	8.970 515	82	1.029 485	9.998 112	1	662	
339	8.968 709	82	8.970 597	82	1.029 403	9.998 112	0	661	
		81		82			1		
.340	8.968 790		8.970 679		1.029 321	9.998 111		**.660**	
		81		81			1		
341	8.968 871		8.970 760		1.029 240	9.998 110		659	
342	8.968 952	81	8.970 842	82	1.029 158	9.998 110	0	658	
343	8.969 033	81	8.970 924	82	1.029 076	9.998 109	1	657	
		81		82			1		
344	8.969 114		8.971 006		1.028 994	9.998 108		656	
345	8.969 195	81	8.971 087	81	1.028 913	9.998 108	0	655	
346	8.969 276	81	8.971 169	82	1.028 831	9.998 107	1	654	
		81		82			1		
347	8.969 357		8.971 251		1.028 749	9.998 106		653	
348	8.969 438	81	8.971 333	82	1.028 667	9.998 105	1	652	
349	8.969 519	81	8.971 414	81	1.028 586	9.998 105	0	651	
		81		82			1		
.350	8.969 600		8.971 496		1.028 504	9.998 104		**.650**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	83
1	8.3
2	16.6
3	24.9
4	33.2
5	41.5
6	49.8
7	58.1
8	66.4
9	74.7

	82
1	8.2
2	16.4
3	24.6
4	32.8
5	41.0
6	49.2
7	57.4
8	65.6
9	73.8

	81
1	8.1
2	16.2
3	24.3
4	32.4
5	40.5
6	48.6
7	56.7
8	64.8
9	72.9

84°.700 — 84°.650

5°.350 — 5°.400

5°	sin	d	tang	d	cotg	cos	d		P.P.
.350	8.969 600		8.971 496		1.028 504	9.998 104		**.650**	
		81		82			1		
351	8.969 681		8.971 578		1.028 422	9.998 103		649	
352	8.969 762	81	8.971 659	81	1.028 341	9.998 103	0	648	
353	8.969 843	81	8.971 741	82	1.028 259	9.998 102	1	647	
		81		81			1		
354	8.969 924		8.971 822		1.028 178	9.998 101		646	
355	8.970 004	80	8.971 904	82	1.028 096	9.998 100	1	645	
356	8.970 085	81	8.971 986	82	1.028 014	9.998 100	0	644	
		81		81			1		
357	8.970 166		8.972 067		1.027 933	9.998 099		643	
358	8.970 247	81	8.972 149	82	1.027 851	9.998 098	1	642	
359	8.970 328	81	8.972 230	81	1.027 770	9.998 098	0	641	
		81		82			1		
.360	8.970 409		8.972 312		1.027 688	9.998 097		**.640**	
		80		81			1		
361	8.970 489		8.972 393		1.027 607	9.998 096		639	
362	8.970 570	81	8.972 475	82	1.027 525	9.998 095	1	638	
363	8.970 651	81	8.972 556	81	1.027 444	9.998 095	0	637	
		81		82			1		
364	8.970 732		8.972 638		1.027 362	9.998 094		636	
365	8.970 812	80	8.972 719	81	1.027 281	9.998 093	1	635	
366	8.970 893	81	8.972 800	81	1.027 200	9.998 093	0	634	
		81		82			1		
367	8.970 974		8.972 882		1.027 118	9.998 092		633	
368	8.971 054	80	8.972 963	81	1.027 037	9.998 091	1	632	
369	8.971 135	81	8.973 045	82	1.026 955	9.998 090	1	631	
		81		81			0		
.370	8.971 216		8.973 126		1.026 874	9.998 090		**.630**	
		80		81			1		
371	8.971 296		8.973 207		1.026 793	9.998 089		629	
372	8.971 377	81	8.973 289	82	1.026 711	9.998 088	1	628	
373	8.971 457	80	8.973 370	81	1.026 630	9.998 088	0	627	
		81		81			1		
374	8.971 538		8.973 451		1.026 549	9.998 087		626	
375	8.971 619	81	8.973 532	81	1.026 468	9.998 086	1	625	
376	8.971 699	80	8.973 614	82	1.026 386	9.998 085	1	624	
		81		81			0		
377	8.971 780		8.973 695		1.026 305	9.998 085		623	
378	8.971 860	80	8.973 776	81	1.026 224	9.998 084	1	622	
379	8.971 941	81	8.973 857	81	1.026 143	9.998 083	1	621	
		80		82			0		
.380	8.972 021		8.973 939		1.026 061	9.998 083		**.620**	
		81		81			1		
381	8.972 102		8.974 020		1.025 980	9.998 082		619	
382	8.972 182	80	8.974 101	81	1.025 899	9.998 081	1	618	
383	8.972 263	81	8.974 182	81	1.025 818	9.998 080	1	617	
		80		81			0		
384	8.972 343		8.974 263		1.025 737	9.998 080		616	
385	8.972 424	81	8.974 344	81	1.025 656	9.998 079	1	615	
386	8.972 504	80	8.974 426	82	1.025 574	9.998 078	1	614	
		80		81			0		
387	8.972 584		8.974 507		1.025 493	9.998 078		613	
388	8.972 665	81	8.974 588	81	1.025 412	9.998 077	1	612	
389	8.972 745	80	8.974 669	81	1.025 331	9.998 076	1	611	
		80		81			1		
.390	8.972 825		8.974 750		1.025 250	9.998 075		**.610**	
		81		81			0		
391	8.972 906		8.974 831		1.025 169	9.998 075		609	
392	8.972 986	80	8.974 912	81	1.025 088	9.998 074	1	608	
393	8.973 066	80	8.974 993	81	1.025 007	9.998 073	1	607	
		81		81			0		
394	8.973 147		8.975 074		1.024 926	9.998 073		606	
395	8.973 227	80	8.975 155	81	1.024 845	9.998 072	1	605	
396	8.973 307	80	8.975 236	81	1.024 764	9.998 071	1	604	
		80		81			1		
397	8.973 387		8.975 317		1.024 683	9.998 070		603	
398	8.973 468	81	8.975 398	81	1.024 602	9.998 070	0	602	
399	8.973 548	80	8.975 479	81	1.024 521	9.998 069	1	601	
		80		81			1		
.400	8.973 628		8.975 560		1.024 440	9.998 068		**.600**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	82
1	8.2
2	16.4
3	24.6
4	32.8
5	41.0
6	49.2
7	57.4
8	65.6
9	73.8

	81
1	8.1
2	16.2
3	24.3
4	32.4
5	40.5
6	48.6
7	56.7
8	64.8
9	72.9

	80
1	8.0
2	16.0
3	24.0
4	32.0
5	40.0
6	48.0
7	56.0
8	64.0
9	72.0

84°.650 — 84°.600

5°.400 — 5°.450

5°	sin	d	tang	d	cotg	cos	d		P.P.
.400	8.973 628		8.975 560		1.024 440	9.998 068		**.600**	
		80		81			0		
401	8.973 708		8.975 641		1.024 359	9.998 068		599	
402	8.973 788	80	8.975 721	80	1.024 279	9.998 067	1	598	
403	8.973 868	80	8.975 802	81	1.024 198	9.998 066	1	597	
		81		81			1		
404	8.973 949		8.975 883		1.024 117	9.998 065		596	
405	8.974 029	80	8.975 964	81	1.024 036	9.998 065	0	595	
406	8.974 109	80	8.976 045	81	1.023 955	9.998 064	1	594	
		80		81			1		
407	8.974 189		8.976 126		1.023 874	9.998 063		593	
408	8.974 269	80	8.976 206	80	1.023 794	9.998 063	0	592	
409	8.974 349	80	8.976 287	81	1.023 713	9.998 062	1	591	
		80		81			1		
.410	8.974 429		8.976 368		1.023 632	9.998 061		**.590**	
		80		81			1		
411	8.974 509		8.976 449		1.023 551	9.998 060		589	
412	8.974 589	80	8.976 529	80	1.023 471	9.998 060	0	588	
413	8.974 669	80	8.976 610	81	1.023 390	9.998 059	1	587	
		80		81			1		
414	8.974 749		8.976 691		1.023 309	9.998 058		586	
415	8.974 829	80	8.976 772	81	1.023 228	9.998 058	0	585	
416	8.974 909	80	8.976 852	80	1.023 148	9.998 057	1	584	
		80		81			1		
417	8.974 989		8.976 933		1.023 067	9.998 056		583	
418	8.975 069	80	8.977 014	81	1.022 986	9.998 055	1	582	
419	8.975 149	80	8.977 094	80	1.022 906	9.998 055	0	581	
		80		81			1		
.420	8.975 229		8.977 175		1.022 825	9.998 054		**.580**	
		80		80			1		
421	8.975 309		8.977 255		1.022 745	9.998 053		579	
422	8.975 388	79	8.977 336	81	1.022 664	9.998 053	0	578	
423	8.975 468	80	8.977 417	81	1.022 583	9.998 052	1	577	
		80		80			1		
424	8.975 548		8.977 497		1.022 503	9.998 051		576	
425	8.975 628	80	8.977 578	81	1.022 422	9.998 050	1	575	
426	8.975 708	80	8.977 658	80	1.022 342	9.998 050	0	574	
		80		81			1		
427	8.975 788		8.977 739		1.022 261	9.998 049		573	
428	8.975 867	79	8.977 819	80	1.022 181	9.998 048	1	572	
429	8.975 947	80	8.977 900	81	1.022 100	9.998 047	1	571	
		80		80			0		
.430	8.976 027		8.977 980		1.022 020	9.998 047		**.570**	
		80		81			1		
431	8.976 107		8.978 061		1.021 939	9.998 046		569	
432	8.976 186	79	8.978 141	80	1.021 859	9.998 045	1	568	
433	8.976 266	80	8.978 221	80	1.021 779	9.998 045	0	567	
		80		81			1		
434	8.976 346		8.978 302		1.021 698	9.998 044		566	
435	8.976 425	79	8.978 382	80	1.021 618	9.998 043	1	565	
436	8.976 505	80	8.978 463	81	1.021 537	9.998 042	1	564	
		80		80			0		
437	8.976 585		8.978 543		1.021 457	9.998 042		563	
438	8.976 664	79	8.978 623	80	1.021 377	9.998 041	1	562	
439	8.976 744	80	8.978 704	81	1.021 296	9.998 040	1	561	
		80		80			0		
.440	8.976 824		8.978 784		1.021 216	9.998 040		**.560**	
		79		80			1		
441	8.976 903		8.978 864		1.021 136	9.998 039		559	
442	8.976 983	80	8.978 945	81	1.021 055	9.998 038	1	558	
443	8.977 062	79	8.979 025	80	1.020 975	9.998 037	1	557	
		80		80			0		
444	8.977 142		8.979 105		1.020 895	9.998 037		556	
445	8.977 221	79	8.979 185	80	1.020 815	9.998 036	1	555	
446	8.977 301	80	8.979 266	81	1.020 734	9.998 035	1	554	
		79		80			1		
447	8.977 380		8.979 346		1.020 654	9.998 034		553	
448	8.977 460	80	8.979 426	80	1.020 574	9.998 034	0	552	
449	8.977 539	79	8.979 506	80	1.020 494	9.998 033	1	551	
		80		80			1		
.450	8.977 619		8.979 586		1.020 414	9.998 032		**.550**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	81
1	8.1
2	16.2
3	24.3
4	32.4
5	40.5
6	48.6
7	56.7
8	64.8
9	72.9

	80
1	8.0
2	16.0
3	24.0
4	32.0
5	40.0
6	48.0
7	56.0
8	64.0
9	72.0

	79
1	7.9
2	15.8
3	23.7
4	31.6
5	39.5
6	47.4
7	55.3
8	63.2
9	71.1

84°.600 — 84°.550

5°.450 — 5°.500

5°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.977 619		8.979 586		1.020 414	9.998 032		**.550**	
		79		81			0		
451	8.977 698		8.979 667		1.020 333	9.998 032		549	
		80		80			1		
452	8.977 778		8.979 747		1.020 253	9.998 031		548	
		79		80			1		
453	8.977 857		8.979 827		1.020 173	9.998 030		547	
		79		80			1		
454	8.977 936		8.979 907		1.020 093	9.998 029		546	
		80		80			0		
455	8.978 016		8.979 987		1.020 013	9.998 029		545	
		79		80			1		
456	8.978 095		8.980 067		1.019 933	9.998 028		544	
		80		80			1		
457	8.978 175		8.980 147		1.019 853	9.998 027		543	
		79		80			0		
458	8.978 254		8.980 227		1.019 773	9.998 027		542	
		79		80			1		
459	8.978 333		8.980 307		1.019 693	9.998 026		541	
		79		80			1		
.460	8.978 412		8.980 387		1.019 613	9.998 025		**.540**	
		80		80			1		
461	8.978 492		8.980 467		1.019 533	9.998 024		539	
		79		80			0		
462	8.978 571		8.980 547		1.019 453	9.998 024		538	
		79		80			1		
463	8.978 650		8.980 627		1.019 373	9.998 023		537	
		80		80			1		
464	8.978 730		8.980 707		1.019 293	9.998 022		536	
		79		80			1		
465	8.978 809		8.980 787		1.019 213	9.998 021		535	
		79		80			0		
466	8.978 888		8.980 867		1.019 133	9.998 021		534	
		79		80			1		
467	8.978 967		8.980 947		1.019 053	9.998 020		533	
		79		80			1		
468	8.979 046		8.981 027		1.018 973	9.998 019		532	
		80		80			0		
469	8.979 126		8.981 107		1.018 893	9.998 019		531	
		79		80			1		
.470	8.979 205		8.981 187		1.018 813	9.998 018		**.530**	
		79		80			1		
471	8.979 284		8.981 267		1.018 733	9.998 017		529	
		79		80			1		
472	8.979 363		8.981 347		1.018 653	9.998 016		528	
		79		80			0		
473	8.979 442		8.981 427		1.018 573	9.998 016		527	
		79		79			1		
474	8.979 521		8.981 506		1.018 494	9.998 015		526	
		79		80			1		
475	8.979 600		8.981 586		1.018 414	9.998 014		525	
		79		80			1		
476	8.979 679		8.981 666		1.018 334	9.998 013		524	
		79		80			0		
477	8.979 758		8.981 746		1.018 254	9.998 013		523	
		80		80			1		
478	8.979 838		8.981 826		1.018 174	9.998 012		522	
		79		79			1		
479	8.979 917		8.981 905		1.018 095	9.998 011		521	
		79		80			0		
.480	8.979 996		8.981 985		1.018 015	9.998 011		**.520**	
		79		80			1		
481	8.980 075		8.982 065		1.017 935	9.998 010		519	
		79		79			1		
482	8.980 154		8.982 144		1.017 856	9.998 009		518	
		79		80			1		
483	8.980 233		8.982 224		1.017 776	9.998 008		517	
		79		80			0		
484	8.980 312		8.982 304		1.017 696	9.998 008		516	
		78		80			1		
485	8.980 390		8.982 384		1.017 616	9.998 007		515	
		79		79			1		
486	8.980 469		8.982 463		1.017 537	9.998 006		514	
		79		80			1		
487	8.980 548		8.982 543		1.017 457	9.998 005		513	
		79		79			0		
488	8.980 627		8.982 622		1.017 378	9.998 005		512	
		79		80			1		
489	8.980 706		8.982 702		1.017 298	9.998 004		511	
		79		80			1		
.490	8.980 785		8.982 782		1.017 218	9.998 003		**.510**	
		79		79			0		
491	8.980 864		8.982 861		1.017 139	9.998 003		509	
		79		80			1		
492	8.980 943		8.982 941		1.017 059	9.998 002		508	
		78		79			1		
493	8.981 021		8.983 020		1.016 980	9.998 001		507	
		79		80			1		
494	8.981 100		8.983 100		1.016 900	9.998 000		506	
		79		79			0		
495	8.981 179		8.983 179		1.016 821	9.998 000		505	
		79		80			1		
496	8.981 258		8.983 259		1.016 741	9.997 999		504	
		79		79			1		
497	8.981 337		8.983 338		1.016 662	9.997 998		503	
		78		80			1		
498	8.981 415		8.983 418		1.016 582	9.997 997		502	
		79		79			0		
499	8.981 494		8.983 497		1.016 503	9.997 997		501	
		79		80			1		
.500	8.981 573		8.983 577		1.016 423	9.997 996		**.500**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	81
1	8.1
2	16.2
3	24.3
4	32.4
5	40.5
6	48.6
7	56.7
8	64.8
9	72.9

	80
1	8.0
2	16.0
3	24.0
4	32.0
5	40.0
6	48.0
7	56.0
8	64.0
9	72.0

	79
1	7.9
2	15.8
3	23.7
4	31.6
5	39.5
6	47.4
7	55.3
8	63.2
9	71.1

	78
1	7.8
2	15.6
3	23.4
4	31.2
5	39.0
6	46.8
7	54.6
8	62.4
9	70.2

84°.550 — 84°.500

$5^\circ.500 - 5^\circ.550$

5°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.981 573		8.983 577		1.016 423	9.997 996		**.500**	
		79		79			1		
501	8.981 652	78	8.983 656	80	1.016 344	9.997 995	0	499	
502	8.981 730	79	8.983 736	79	1.016 264	9.997 995	1	498	
503	8.981 809	79	8.983 815	80	1.016 185	9.997 994	1	497	
504	8.981 888	78	8.983 895	79	1.016 105	9.997 993	1	496	
505	8.981 966	79	8.983 974	79	1.016 026	9.997 992	0	495	
506	8.982 045	79	8.984 053	80	1.015 947	9.997 992	1	494	
507	8.982 124	78	8.984 133	79	1.015 867	9.997 991	1	493	
508	8.982 202	79	8.984 212	79	1.015 788	9.997 990	1	492	
509	8.982 281	78	8.984 291	80	1.015 709	9.997 989	0	491	
.510	8.982 359		8.984 371		1.015 629	9.997 989		**.490**	
		79		79			1		
511	8.982 438	78	8.984 450	79	1.015 550	9.997 988	1	489	
512	8.982 516	79	8.984 529	80	1.015 471	9.997 987	1	488	
513	8.982 595	79	8.984 609	79	1.015 391	9.997 986	0	487	
514	8.982 674	78	8.984 688	79	1.015 312	9.997 986	1	486	
515	8.982 752	79	8.984 767	79	1.015 233	9.997 985	1	485	
516	8.982 831	78	8.984 846	79	1.015 154	9.997 984	0	484	
517	8.982 909	79	8.984 925	80	1.015 075	9.997 984	1	483	
518	8.982 988	78	8.985 005	79	1.014 995	9.997 983	1	482	
519	8.983 066	78	8.985 084	79	1.014 916	9.997 982	1	481	
.520	8.983 144		8.985 163		1.014 837	9.997 981		**.480**	
		79		79			0		
521	8.983 223	78	8.985 242	79	1.014 758	9.997 981	1	479	
522	8.983 301	79	8.985 321	79	1.014 679	9.997 980	1	478	
523	8.983 380	78	8.985 400	80	1.014 600	9.997 979	1	477	
524	8.983 458	78	8.985 480	79	1.014 520	9.997 978	0	476	
525	8.983 536	79	8.985 559	79	1.014 441	9.997 978	1	475	
526	8.983 615	78	8.985 638	79	1.014 362	9.997 977	1	474	
527	8.983 693	78	8.985 717	79	1.014 283	9.997 976	1	473	
528	8.983 771	79	8.985 796	79	1.014 204	9.997 975	1	472	
529	8.983 850	78	8.985 875	79	1.014 125	9.997 975	0	471	
.530	8.983 928		8.985 954		1.014 046	9.997 974		**.470**	
		78		79			1		
531	8.984 006	79	8.986 033	79	1.013 967	9.997 973	1	469	
532	8.984 085	78	8.986 112	79	1.013 888	9.997 973	0	468	
533	8.984 163	78	8.986 191	79	1.013 809	9.997 972	1	467	
534	8.984 241	78	8.986 270	79	1.013 730	9.997 971	1	466	
535	8.984 319	78	8.986 349	79	1.013 651	9.997 970	1	465	
536	8.984 397	79	8.986 428	79	1.013 572	9.997 970	0	464	
537	8.984 476	78	8.986 507	79	1.013 493	9.997 969	1	463	
538	8.984 554	78	8.986 586	79	1.013 414	9.997 968	1	462	
539	8.984 632	78	8.986 665	79	1.013 335	9.997 967	1	461	
.540	8.984 710		8.986 744		1.013 256	9.997 967	0	**.460**	
		78		78			1		
541	8.984 788	78	8.986 822	79	1.013 178	9.997 966	1	459	
542	8.984 866	79	8.986 901	79	1.013 099	9.997 965	1	458	
543	8.984 945	78	8.986 980	79	1.013 020	9.997 964	0	457	
544	8.985 023	78	8.987 059	79	1.012 941	9.997 964	1	456	
545	8.985 101	78	8.987 138	79	1.012 862	9.997 963	1	455	
546	8.985 179	78	8.987 217	78	1.012 783	9.997 962	0	454	
547	8.985 257	78	8.987 295	79	1.012 705	9.997 962	1	453	
548	8.985 335	78	8.987 374	79	1.012 626	9.997 961	1	452	
549	8.985 413	78	8.987 453	79	1.012 547	9.997 960	1	451	
.550	8.985 491		8.987 532		1.012 468	9.997 959		**.450**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	80
1	8.0
2	16.0
3	24.0
4	32.0
5	40.0
6	48.0
7	56.0
8	64.0
9	72.0

	79
1	7.9
2	15.8
3	23.7
4	31.6
5	39.5
6	47.4
7	55.3
8	63.2
9	71.1

	78
1	7.8
2	15.6
3	23.4
4	31.2
5	39.0
6	46.8
7	54.6
8	62.4
9	70.2

$84^\circ.500 - 84^\circ.450$

5°.550 — 5°.600

5°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.985 491		8.987 532		1.012 468	9.997 959		**.450**	
		78		78			0		
551	8.985 569		8.987 610		1.012 390	9.997 959		449	
552	8.985 647	78	8.987 689	79	1.012 311	9.997 958	1	448	
553	8.985 725	78	8.987 768	79	1.012 232	9.997 957	1	447	
		78		79			1		
554	8.985 803		8.987 847	78	1.012 153	9.997 956	0	446	
555	8.985 881	78	8.987 925	79	1.012 075	9.997 956	1	445	
556	8.985 959	78	8.988 004	79	1.011 996	9.997 955	1	444	
		78		78			1		
557	8.986 037		8.988 083	79	1.011 917	9.997 954	1	443	
558	8.986 115	78	8.988 161	79	1.011 839	9.997 953	0	442	
559	8.986 192	77	8.988 240	78	1.011 760	9.997 953	1	441	
		78		79			1		
.560	8.986 270		8.988 318		1.011 682	9.997 952		**.440**	
		78		79			1		
561	8.986 348		8.988 397		1.011 603	9.997 951	1	439	
562	8.986 426	78	8.988 476	79	1.011 524	9.997 950	0	438	
563	8.986 504	78	8.988 554	78	1.011 446	9.997 950	1	437	
		78		79			1		
564	8.986 582		8.988 633	78	1.011 367	9.997 949	1	436	
565	8.986 659	77	8.988 711	79	1.011 289	9.997 948	0	435	
566	8.986 737	78	8.988 790	78	1.011 210	9.997 948	1	434	
		78		79			1		
567	8.986 815		8.988 868	78	1.011 132	9.997 947	1	433	
568	8.986 893	78	8.988 947	78	1.011 053	9.997 946	1	432	
569	8.986 971	78	8.989 025	79	1.010 975	9.997 945	0	431	
		77		78			1		
.570	8.987 048		8.989 104		1.010 896	9.997 945		**.430**	
		78		78			1		
571	8.987 126		8.989 182		1.010 818	9.997 944	1	429	
572	8.987 204	78	8.989 261	79	1.010 739	9.997 943	1	428	
573	8.987 281	77	8.989 339	78	1.010 661	9.997 942	1	427	
		78		78			0		
574	8.987 359		8.989 417		1.010 583	9.997 942	1	426	
575	8.987 437	78	8.989 496	79	1.010 504	9.997 941	1	425	
576	8.987 514	77	8.989 574	78	1.010 426	9.997 940	1	424	
		78		79			1		
577	8.987 592		8.989 653	78	1.010 347	9.997 939	0	423	
578	8.987 670	78	8.989 731	78	1.010 269	9.997 939	1	422	
579	8.987 747	77	8.989 809	79	1.010 191	9.997 938	1	421	
		78		78			1		
.580	8.987 825		8.989 888		1.010 112	9.997 937		**.420**	
		77		78			1		
581	8.987 902		8.989 966		1.010 034	9.997 936	0	419	
582	8.987 980	78	8.990 044	78	1.009 956	9.997 936	1	418	
583	8.988 058	78	8.990 123	79	1.009 877	9.997 935	1	417	
		77		78			1		
584	8.988 135		8.990 201	78	1.009 799	9.997 934	1	416	
585	8.988 213	78	8.990 279	78	1.009 721	9.997 933	0	415	
586	8.988 290	77	8.990 357	79	1.009 643	9.997 933	1	414	
		78		78			1		
587	8.988 368		8.990 436	78	1.009 564	9.997 932	1	413	
588	8.988 445	77	8.990 514	78	1.009 486	9.997 931	1	412	
589	8.988 523	78	8.990 592	78	1.009 408	9.997 930	0	411	
		77		78			1		
.590	8.988 600		8.990 670		1.009 330	9.997 930		**.410**	
		77		78			1		
591	8.988 677		8.990 748		1.009 252	9.997 929	1	409	
592	8.988 755	78	8.990 827	79	1.009 173	9.997 928	0	408	
593	8.988 832	77	8.990 905	78	1.009 095	9.997 928	1	407	
		78		78			1		
594	8.988 910		8.990 983	78	1.009 017	9.997 927	1	406	
595	8.988 987	77	8.991 061	78	1.008 939	9.997 926	1	405	
596	8.989 064	77	8.991 139	78	1.008 861	9.997 925	0	404	
		78		78			1		
597	8.989 142		8.991 217	78	1.008 783	9.997 925	1	403	
598	8.989 219	77	8.991 295	78	1.008 705	9.997 924	1	402	
599	8.989 296	77	8.991 373	78	1.008 627	9.997 923	1	401	
		78		78			1		
.600	8.989 374		8.991 451		1.008 549	9.997 922		**.400**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	79
1	7.9
2	15.8
3	23.7
4	31.6
5	39.5
6	47.4
7	55.3
8	63.2
9	71.1

	78
1	7.8
2	15.6
3	23.4
4	31.2
5	39.0
6	46.8
7	54.6
8	62.4
9	70.2

	77
1	7.7
2	15.4
3	23.1
4	30.8
5	38.5
6	46.2
7	53.9
8	61.6
9	69.3

84°.450 — 84°.400

5°.600 — 5°.650

5°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.989 374		8.991 451		1.008 549	9.997 922		**.400**	
		77		78			0		
601	8.989 451		8.991 529		1.008 471	9.997 922		399	
602	8.989 528	77	8.991 607	78	1.008 393	9.997 921	1	398	
603	8.989 606	78	8.991 685	78	1.008 315	9.997 920	1	397	
		77		78			1		
604	8.989 683		8.991 763		1.008 237	9.997 919		396	
605	8.989 760	77	8.991 841	78	1.008 159	9.997 919	0	395	
606	8.989 837	77	8.991 919	78	1.008 081	9.997 918	1	394	
		78		78			1		
607	8.989 915		8.991 997		1.008 003	9.997 917		393	
608	8.989 992	77	8.992 075	78	1.007 925	9.997 916	1	392	
609	8.990 069	77	8.992 153	78	1.007 847	9.997 916	0	391	
		77		78			1		
.610	8.990 146		8.992 231		1.007 769	9.997 915		**.390**	
		77		78			1		
611	8.990 223		8.992 309		1.007 691	9.997 914		389	
612	8.990 300	77	8.992 387	78	1.007 613	9.997 913	1	388	
613	8.990 378	78	8.992 465	78	1.007 535	9.997 913	0	387	
		77		78			1		
614	8.990 455		8.992 543		1.007 457	9.997 912		386	
615	8.990 532	77	8.992 621	78	1.007 379	9.997 911	1	385	
616	8.990 609	77	8.992 698	77	1.007 302	9.997 910	1	384	
		77		78			0		
617	8.990 686		8.992 776		1.007 224	9.997 910		383	
618	8.990 763	77	8.992 854	78	1.007 146	9.997 909	1	382	
619	8.990 840	77	8.992 932	78	1.007 068	9.997 908	1	381	
		77		78			1		
.620	8.990 917		8.993 010		1.006 990	9.997 907		**.380**	
		77		77			0		
621	8.990 994		8.993 087		1.006 913	9.997 907		379	
622	8.991 071	77	8.993 165	78	1.006 835	9.997 906	1	378	
623	8.991 148	77	8.993 243	78	1.006 757	9.997 905	1	377	
		77		78			1		
624	8.991 225		8.993 321		1.006 679	9.997 904		376	
625	8.991 302	77	8.993 398	77	1.006 602	9.997 904	0	375	
626	8.991 379	77	8.993 476	78	1.006 524	9.997 903	1	374	
		77		78			1		
627	8.991 456		8.993 554		1.006 446	9.997 902		373	
628	8.991 533	77	8.993 631	77	1.006 369	9.997 901	1	372	
629	8.991 610	77	8.993 709	78	1.006 291	9.997 901	0	371	
		77		78			1		
.630	8.991 687		8.993 787		1.006 213	9.997 900		**.370**	
		77		77			1		
631	8.991 764		8.993 864		1.006 136	9.997 899		369	
632	8.991 840	76	8.993 942	78	1.006 058	9.997 898	1	368	
633	8.991 917	77	8.994 020	78	1.005 980	9.997 898	0	367	
		77		77			1		
634	8.991 994		8.994 097		1.005 903	9.997 897		366	
635	8.992 071	77	8.994 175	78	1.005 825	9.997 896	1	365	
636	8.992 148	77	8.994 252	77	1.005 748	9.997 895	1	364	
		77		78			0		
637	8.992 225		8.994 330		1.005 670	9.997 895		363	
638	8.992 301	76	8.994 407	77	1.005 593	9.997 894	1	362	
639	8.992 378	77	8.994 485	78	1.005 515	9.997 893	1	361	
		77		77			1		
.640	8.992 455		8.994 562		1.005 438	9.997 892		**.360**	
		77		78			0		
641	8.992 532		8.994 640		1.005 360	9.997 892		359	
642	8.992 608	76	8.994 717	77	1.005 283	9.997 891	1	358	
643	8.992 685	77	8.994 795	78	1.005 205	9.997 890	1	357	
		77		77			1		
644	8.992 762		8.994 872		1.005 128	9.997 889		356	
645	8.992 838	76	8.994 950	78	1.005 050	9.997 889	0	355	
646	8.992 915	77	8.995 027	77	1.004 973	9.997 888	1	354	
		77		78			1		
647	8.992 992		8.995 105		1.004 895	9.997 887		353	
648	8.993 068	76	8.995 182	77	1.004 818	9.997 886	1	352	
649	8.993 145	77	8.995 259	77	1.004 741	9.997 886	0	351	
		77		78			1		
.650	8.993 222		8.995 337		1.004 663	9.997 885		**.350**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	78
1	7.8
2	15.6
3	23.4
4	31.2
5	39.0
6	46.8
7	54.6
8	62.4
9	70.2

	77
1	7.7
2	15.4
3	23.1
4	30.8
5	38.5
6	46.2
7	53.9
8	61.6
9	69.3

	76
1	7.6
2	15.2
3	22.8
4	30.4
5	38.0
6	45.6
7	53.2
8	60.8
9	68.4

84°.400 — 84°.350

5°.650 — 5°.700

5°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.993 222		8.995 337		1.004 663	9.997 885		**.350**	
		76		77			1		
651	8.993 298		8.995 414		1.004 586	9.997 884		349	
652	8.993 375	77	8.995 491	77	1.004 509	9.997 883	1	348	
653	8.993 452	77	8.995 569	78	1.004 431	9.997 883	0	347	
		76		77			1		
654	8.993 528		8.995 646		1.004 354	9.997 882		346	
655	8.993 605	77	8.995 723	77	1.004 277	9.997 881	1	345	
656	8.993 681	76	8.995 801	78	1.004 199	9.997 880	1	344	
		77		77			0		
657	8.993 758		8.995 878		1.004 122	9.997 880		343	
658	8.993 834	76	8.995 955	77	1.004 045	9.997 879	1	342	
659	8.993 911	77	8.996 032	77	1.003 968	9.997 878	1	341	
		76		78			1		
.660	8.993 987		8.996 110		1.003 890	9.997 877		**.340**	
		77		77			0		
661	8.994 064		8.996 187		1.003 813	9.997 877		339	
662	8.994 140	76	8.996 264	77	1.003 736	9.997 876	1	338	
663	8.994 217	77	8.996 341	77	1.003 659	9.997 875	1	337	
		76		78			1		
664	8.994 293		8.996 419		1.003 581	9.997 874		336	
665	8.994 369	76	8.996 496	77	1.003 504	9.997 874	0	335	
666	8.994 446	77	8.996 573	77	1.003 427	9.997 873	1	334	
		76		77			1		
667	8.994 522		8.996 650		1.003 350	9.997 872		333	
668	8.994 599	77	8.996 727	77	1.003 273	9.997 871	1	332	
669	8.994 675	76	8.996 804	77	1.003 196	9.997 871	0	331	
		76		77			1		
.670	8.994 751		8.996 881		1.003 119	9.997 870		**.330**	
		77		77			1		
671	8.994 828		8.996 958		1.003 042	9.997 869		329	
672	8.994 904	76	8.997 036	78	1.002 964	9.997 868	1	328	
673	8.994 980	76	8.997 113	77	1.002 887	9.997 868	0	327	
		77		77			1		
674	8.995 057		8.997 190		1.002 810	9.997 867		326	
675	8.995 133	76	8.997 267	77	1.002 733	9.997 866	1	325	
676	8.995 209	76	8.997 344	77	1.002 656	9.997 865	1	324	
		76		77			0		
677	8.995 285		8.997 421		1.002 579	9.997 865		323	
678	8.995 362	77	8.997 498	77	1.002 502	9.997 864	1	322	
679	8.995 438	76	8.997 575	77	1.002 425	9.997 863	1	321	
		76		77			1		
.680	8.995 514		8.997 652		1.002 348	9.997 862		**.320**	
		76		77			0		
681	8.995 590		8.997 729		1.002 271	9.997 862		319	
682	8.995 667	77	8.997 806	77	1.002 194	9.997 861	1	318	
683	8.995 743	76	8.997 883	77	1.002 117	9.997 860	1	317	
		76		76			1		
684	8.995 819		8.997 959		1.002 041	9.997 859		316	
685	8.995 895	76	8.998 036	77	1.001 964	9.997 859	0	315	
686	8.995 971	76	8.998 113	77	1.001 887	9.997 858	1	314	
		76		77			1		
687	8.996 047		8.998 190		1.001 810	9.997 857		313	
688	8.996 123	76	8.998 267	77	1.001 733	9.997 856	1	312	
689	8.996 199	76	8.998 344	77	1.001 656	9.997 856	0	311	
		77		77			1		
.690	8.996 276		8.998 421		1.001 579	9.997 855		**.310**	
		76		76			1		
691	8.996 352		8.998 497		1.001 503	9.997 854		309	
692	8.996 428	76	8.998 574	77	1.001 426	9.997 853	1	308	
693	8.996 504	76	8.998 651	77	1.001 349	9.997 853	0	307	
		76		77			1		
694	8.996 580		8.998 728		1.001 272	9.997 852		306	
695	8.996 656	76	8.998 805	77	1.001 195	9.997 851	1	305	
696	8.996 732	76	8.998 881	76	1.001 119	9.997 850	1	304	
		76		77			0		
697	8.996 808		8.998 958		1.001 042	9.997 850		303	
698	8.996 884	76	8.999 035	77	1.000 965	9.997 849	1	302	
699	8.996 960	76	8.999 112	77	1.000 888	9.997 848	1	301	
		76		76			1		
.700	8.997 036		8.999 188		1.000 812	9.997 847		**.300**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	78
1	7.8
2	15.6
3	23.4
4	31.2
5	39.0
6	46.8
7	54.6
8	62.4
9	70.2

	77
1	7.7
2	15.4
3	23.1
4	30.8
5	38.5
6	46.2
7	53.9
8	61.6
9	69.3

	76
1	7.6
2	15.2
3	22.8
4	30.4
5	38.0
6	45.6
7	53.2
8	60.8
9	68.4

84°.350 — 84°.300

$5^\circ.700 - 5^\circ.750$

5°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.997 036		8.999 188		1.000 812	9.997 847		**.300**	
		76		77			0		
701	8.997 112		8.999 265		1.000 735	9.997 847		299	
		75		77			1		
702	8.997 187		8.999 342		1.000 658	9.997 846		298	
		76		76			1		
703	8.997 263		8.999 418		1.000 582	9.997 845		297	
		76		77			1		
704	8.997 339		8.999 495		1.000 505	9.997 844		296	
		76		77			0		
705	8.997 415		8.999 572		1.000 428	9.997 844		295	
		76		76			1		
706	8.997 491		8.999 648		1.000 352	9.997 843		294	
		76		77			1		
707	8.997 567		8.999 725		1.000 275	9.997 842		293	
		76		76			1		
708	8.997 643		8.999 801		1.000 199	9.997 841		292	
		76		77			0		
709	8.997 719		8.999 878		1.000 122	9.997 841		291	
		75		77			1		
.710	8.997 794		8.999 955		1.000 045	9.997 840		**.290**	
		76		76			1		
711	8.997 870		9.000 031		0.999 969	9.997 839		289	
		76		77			1		
712	8.997 946		9.000 108		0.999 892	9.997 838		288	
		76		76			1		
713	8.998 022		9.000 184		0.999 816	9.997 837		287	
		75		77			0		
714	8.998 097		9.000 261		0.999 739	9.997 837		286	
		76		76			1		
715	8.998 173		9.000 337		0.999 663	9.997 836		285	
		76		77			1		
716	8.998 249		9.000 414		0.999 586	9.997 835		284	
		76		76			1		
717	8.998 325		9.000 490		0.999 510	9.997 834		283	
		75		77			0		
718	8.998 400		9.000 567		0.999 433	9.997 834		282	
		76		76			1		
719	8.998 476		9.000 643		0.999 357	9.997 833		281	
		76		77			1		
.720	8.998 552		9.000 720		0.999 280	9.997 832		**.280**	
		75		76			1		
721	8.998 627		9.000 796		0.999 204	9.997 831		279	
		76		76			0		
722	8.998 703		9.000 872		0.999 128	9.997 831		278	
		76		77			1		
723	8.998 779		9.000 949		0.999 051	9.997 830		277	
		75		76			1		
724	8.998 854		9.001 025		0.998 975	9.997 829		276	
		76		77			1		
725	8.998 930		9.001 102		0.998 898	9.997 828		275	
		76		76			0		
726	8.999 006		9.001 178		0.998 822	9.997 828		274	
		75		76			1		
727	8.999 081		9.001 254		0.998 746	9.997 827		273	
		76		77			1		
728	8.999 157		9.001 331		0.998 669	9.997 826		272	
		75		76			1		
729	8.999 232		9.001 407		0.998 593	9.997 825		271	
		76		76			0		
.730	8.999 308		9.001 483		0.998 517	9.997 825		**.270**	
		75		77			1		
731	8.999 383		9.001 560		0.998 440	9.997 824		269	
		76		76			1		
732	8.999 459		9.001 636		0.998 364	9.997 823		268	
		75		76			1		
733	8.999 534		9.001 712		0.998 288	9.997 822		267	
		76		76			0		
734	8.999 610		9.001 788		0.998 212	9.997 822		266	
		75		77			1		
735	8.999 685		9.001 865		0.998 135	9.997 821		265	
		76		76			1		
736	8.999 761		9.001 941		0.998 059	9.997 820		264	
		75		76			1		
737	8.999 836		9.002 017		0.997 983	9.997 819		263	
		76		76			1		
738	8.999 912		9.002 093		0.997 907	9.997 818		262	
		75		76			0		
739	8.999 987		9.002 169		0.997 831	9.997 818		261	
		76		77			1		
.740	9.000 063		9.002 246		0.997 754	9.997 817		**.260**	
		75		76			1		
741	9.000 138		9.002 322		0.997 678	9.997 816		259	
		75		76			1		
742	9.000 213		9.002 398		0.997 602	9.997 815		258	
		76		76			0		
743	9.000 289		9.002 474		0.997 526	9.997 815		257	
		75		76			1		
744	9.000 364		9.002 550		0.997 450	9.997 814		256	
		75		76			1		
745	9.000 439		9.002 626		0.997 374	9.997 813		255	
		76		76			1		
746	9.000 515		9.002 702		0.997 298	9.997 812		254	
		75		76			0		
747	9.000 590		9.002 778		0.997 222	9.997 812		253	
		75		77			1		
748	9.000 665		9.002 855		0.997 145	9.997 811		252	
		76		76			1		
749	9.000 741		9.002 931		0.997 069	9.997 810		251	
		75		76			1		
.750	9.000 816		9.003 007		0.996 993	9.997 809		**.250**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	77
1	7.7
2	15.4
3	23.1
4	30.8
5	38.5
6	46.2
7	53.9
8	61.6
9	69.3

	76
1	7.6
2	15.2
3	22.8
4	30.4
5	38.0
6	45.6
7	53.2
8	60.8
9	68.4

	75
1	7.5
2	15.0
3	22.5
4	30.0
5	37.5
6	45.0
7	52.5
8	60.0
9	67.5

$84^\circ.300 - 84^\circ.250$

5°.750 — 5°.800

5°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.000 816		9.003 007		0.996 993	9.997 809		.250	
		75		76			0		
751	9.000 891		9.003 083		0.996 917	9.997 809		249	
752	9.000 966	75	9.003 159	76	0.996 841	9.997 808	1	248	
753	9.001 042	76	9.003 235	76	0.996 765	9.997 807	1	247	
		75		76			1		
754	9.001 117		9.003 311		0.996 689	9.997 806		246	
755	9.001 192	75	9.003 387	76	0.996 613	9.997 806	0	245	
756	9.001 267	75	9.003 463	76	0.996 537	9.997 805	1	244	
		76		76			1		
757	9.001 343		9.003 539		0.996 461	9.997 804		243	
758	9.001 418	75	9.003 615	76	0.996 385	9.997 803	1	242	
759	9.001 493	75	9.003 690	75	0.996 310	9.997 802	1	241	
		75		76			0		
.760	9.001 568		9.003 766		0.996 234	9.997 802		.240	
		75		76			1		
761	9.001 643		9.003 842		0.996 158	9.997 801		239	
762	9.001 718	75	9.003 918	76	0.996 082	9.997 800	1	238	
763	9.001 793	75	9.003 994	76	0.996 006	9.997 799	1	237	
		76		76			0		
764	9.001 869		9.004 070		0.995 930	9.997 799		236	
765	9.001 944	75	9.004 146	76	0.995 854	9.997 798	1	235	
766	9.002 019	75	9.004 222	76	0.995 778	9.997 797	1	234	
		75		75			1		
767	9.002 094		9.004 297		0.995 703	9.997 796		233	
768	9.002 169	75	9.004 373	76	0.995 627	9.997 796	0	232	
769	9.002 244	75	9.004 449	76	0.995 551	9.997 795	1	231	
		75		76			1		
.770	9.002 319		9.004 525		0.995 475	9.997 794		.230	
		75		76			1		
771	9.002 394		9.004 601		0.995 399	9.997 793		229	
772	9.002 469	75	9.004 676	75	0.995 324	9.997 793	0	228	
773	9.002 544	75	9.004 752	76	0.995 248	9.997 792	1	227	
		75		76			1		
774	9.002 619		9.004 828		0.995 172	9.997 791		226	
775	9.002 694	75	9.004 904	76	0.995 096	9.997 790	1	225	
776	9.002 769	75	9.004 979	75	0.995 021	9.997 789	1	224	
		75		76			0		
777	9.002 844		9.005 055		0.994 945	9.997 789		223	
778	9.002 919	75	9.005 131	76	0.994 869	9.997 788	1	222	
779	9.002 993	74	9.005 206	75	0.994 794	9.997 787	1	221	
		75		76			1		
.780	9.003 068		9.005 282		0.994 718	9.997 786		.220	
		75		76			0		
781	9.003 143		9.005 358		0.994 642	9.997 786		219	
782	9.003 218	75	9.005 433	75	0.994 567	9.997 785	1	218	
783	9.003 293	75	9.005 509	76	0.994 491	9.997 784	1	217	
		75		75			1		
784	9.003 368		9.005 584		0.994 416	9.997 783		216	
785	9.003 443	75	9.005 660	76	0.994 340	9.997 783	0	215	
786	9.003 517	74	9.005 736	76	0.994 264	9.997 782	1	214	
		75		75			1		
787	9.003 592		9.005 811		0.994 189	9.997 781		213	
788	9.003 667	75	9.005 887	76	0.994 113	9.997 780	1	212	
789	9.003 742	75	9.005 962	75	0.994 038	9.997 779	1	211	
		75		76			0		
.790	9.003 817		9.006 038		0.993 962	9.997 779		.210	
		74		75			1		
791	9.003 891		9.006 113		0.993 887	9.997 778		209	
792	9.003 966	75	9.006 189	76	0.993 811	9.997 777	1	208	
793	9.004 041	75	9.006 264	75	0.993 736	9.997 776	1	207	
		74		76			0		
794	9.004 115		9.006 340		0.993 660	9.997 776		206	
795	9.004 190	75	9.006 415	75	0.993 585	9.997 775	1	205	
796	9.004 265	75	9.006 491	76	0.993 509	9.997 774	1	204	
		74		75			1		
797	9.004 339		9.006 566		0.993 434	9.997 773		203	
798	9.004 414	75	9.006 642	76	0.993 358	9.997 773	0	202	
799	9.004 489	75	9.006 717	75	0.993 283	9.997 772	1	201	
		74		75			1		
.800	9.004 563		9.006 792		0.993 208	9.997 771		.200	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	76
1	7.6
2	15.2
3	22.8
4	30.4
5	38.0
6	45.6
7	53.2
8	60.8
9	68.4

	75
1	7.5
2	15.0
3	22.5
4	30.0
5	37.5
6	45.0
7	52.5
8	60.0
9	67.5

	74
1	7.4
2	14.8
3	22.2
4	29.6
5	37.0
6	44.4
7	51.8
8	59.2
9	66.6

84°.250 — 84°.200

5°.800 — 5°.850

5°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.004 563		9.006 792		0.993 208	9.997 771		**.200**	
		75		76			1		
801	9.004 638		9.006 868		0.993 132	9.997 770		199	
802	9.004 713	75	9.006 943	75	0.993 057	9.997 769	1	198	
803	9.004 787	74	9.007 018	75	0.992 982	9.997 769	0	197	
		75		76			1		
804	9.004 862		9.007 094		0.992 906	9.997 768		196	
805	9.004 936	74	9.007 169	75	0.992 831	9.997 767	1	195	
806	9.005 011	75	9.007 244	75	0.992 756	9.997 766	1	194	
		74		76			0		
807	9.005 085		9.007 320		0.992 680	9.997 766		193	
808	9.005 160	75	9.007 395	75	0.992 605	9.997 765	1	192	
809	9.005 234	74	9.007 470	75	0.992 530	9.997 764	1	191	
		75		76			1		
.810	9.005 309		9.007 546		0.992 454	9.997 763		**.190**	
		74		75			0		
811	9.005 383		9.007 621		0.992 379	9.997 763		189	
812	9.005 458	75	9.007 696	75	0.992 304	9.997 762	1	188	
813	9.005 532	74	9.007 771	75	0.992 229	9.997 761	1	187	
		75		76			1		
814	9.005 607		9.007 847		0.992 153	9.997 760		186	
815	9.005 681	74	9.007 922	75	0.992 078	9.997 759	1	185	
816	9.005 756	75	9.007 997	75	0.992 003	9.997 759	0	184	
		74		75			1		
817	9.005 830		9.008 072		0.991 928	9.997 758		183	
818	9.005 904	74	9.008 147	75	0.991 853	9.997 757	1	182	
819	9.005 979	75	9.008 223	76	0.991 777	9.997 756	1	181	
		74		75			0		
.820	9.006 053		9.008 298		0.991 702	9.997 756		**.180**	
		75		75			1		
821	9.006 128		9.008 373		0.991 627	9.997 755		179	
822	9.006 202	74	9.008 448	75	0.991 552	9.997 754	1	178	
823	9.006 276	74	9.008 523	75	0.991 477	9.997 753	1	177	
		75		75			1		
824	9.006 351		9.008 598		0.991 402	9.997 752		176	
825	9.006 425	74	9.008 673	75	0.991 327	9.997 752	0	175	
826	9.006 499	74	9.008 748	75	0.991 252	9.997 751	1	174	
		74		75			1		
827	9.006 573		9.008 823		0.991 177	9.997 750		173	
828	9.006 648	75	9.008 898	75	0.991 102	9.997 749	1	172	
829	9.006 722	74	9.008 973	75	0.991 027	9.997 749	0	171	
		74		75			1		
.830	9.006 796		9.009 048		0.990 952	9.997 748		**.170**	
		74		75			1		
831	9.006 870		9.009 123		0.990 877	9.997 747		169	
832	9.006 945	75	9.009 198	75	0.990 802	9.997 746	1	168	
833	9.007 019	74	9.009 273	75	0.990 727	9.997 746	0	167	
		74		75			1		
834	9.007 093		9.009 348		0.990 652	9.997 745		166	
835	9.007 167	74	9.009 423	75	0.990 577	9.997 744	1	165	
836	9.007 241	74	9.009 498	75	0.990 502	9.997 743	1	164	
		75		75			1		
837	9.007 316		9.009 573		0.990 427	9.997 742		163	
838	9.007 390	74	9.009 648	75	0.990 352	9.997 742	0	162	
839	9.007 464	74	9.009 723	75	0.990 277	9.997 741	1	161	
		74		75			1		
.840	9.007 538		9.009 798		0.990 202	9.997 740		**.160**	
		74		75			1		
841	9.007 612		9.009 873		0.990 127	9.997 739		159	
842	9.007 686	74	9.009 948	75	0.990 052	9.997 739	0	158	
843	9.007 760	74	9.010 022	74	0.989 978	9.997 738	1	157	
		74		75			1		
844	9.007 834		9.010 097		0.989 903	9.997 737		156	
845	9.007 908	74	9.010 172	75	0.989 828	9.997 736	1	155	
846	9.007 982	74	9.010 247	75	0.989 753	9.997 735	1	154	
		74		75			0		
847	9.008 056		9.010 322		0.989 678	9.997 735		153	
848	9.008 130	74	9.010 397	75	0.989 603	9.997 734	1	152	
849	9.008 204	74	9.010 471	74	0.989 529	9.997 733	1	151	
		74		75			1		
.850	9.008 278		9.010 546		0.989 454	9.997 732		**.150**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	76
1	7.6
2	15.2
3	22.8
4	30.4
5	38.0
6	45.6
7	53.2
8	60.8
9	68.4

	75
1	7.5
2	15.0
3	22.5
4	30.0
5	37.5
6	45.0
7	52.5
8	60.0
9	67.5

	74
1	7.4
2	14.8
3	22.2
4	29.6
5	37.0
6	44.4
7	51.8
8	59.2
9	66.6

84°.200 — 84°.150

5°.850 — 5°.900

5°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.008 278		9.010 546		0.989 454	9.997 732		**.150**	
		74		75			0		
851	9.008 352		9.010 621		0.989 379	9.997 732		149	
852	9.008 426	74	9.010 696	75	0.989 304	9.997 731	1	148	
853	9.008 500	74	9.010 770	74	0.989 230	9.997 730	1	147	
		74		75			1		
854	9.008 574		9.010 845		0.989 155	9.997 729		146	
855	9.008 648	74	9.010 920	75	0.989 080	9.997 728	1	145	
856	9.008 722	74	9.010 994	74	0.989 006	9.997 728	0	144	
		74		75			1		
857	9.008 796		9.011 069		0.988 931	9.997 727		143	
858	9.008 870	74	9.011 144	75	0.988 856	9.997 726	1	142	
859	9.008 944	74	9.011 218	74	0.988 782	9.997 725	1	141	
		74		75			0		
.860	9.009 018		9.011 293		0.988 707	9.997 725		**.140**	
		73		75			1		
861	9.009 091		9.011 368		0.988 632	9.997 724		139	
862	9.009 165	74	9.011 442	74	0.988 558	9.997 723	1	138	
863	9.009 239	74	9.011 517	75	0.988 483	9.997 722	1	137	
		74		74			1		
864	9.009 313		9.011 591		0.988 409	9.997 721		136	
865	9.009 387	74	9.011 666	75	0.988 334	9.997 721	0	135	
866	9.009 460	73	9.011 741	75	0.988 259	9.997 720	1	134	
		74		74			1		
867	9.009 534		9.011 815		0.988 185	9.997 719		133	
868	9.009 608	74	9.011 890	75	0.988 110	9.997 718	1	132	
869	9.009 682	74	9.011 964	74	0.988 036	9.997 718	0	131	
		73		75			1		
.870	9.009 755		9.012 039		0.987 961	9.997 717		**.130**	
		74		74			1		
871	9.009 829		9.012 113		0.987 887	9.997 716		129	
872	9.009 903	74	9.012 188	75	0.987 812	9.997 715	1	128	
873	9.009 977	74	9.012 262	74	0.987 738	9.997 714	1	127	
		73		75			0		
874	9.010 050		9.012 337		0.987 663	9.997 714		126	
875	9.010 124	74	9.012 411	74	0.987 589	9.997 713	1	125	
876	9.010 198	74	9.012 485	74	0.987 515	9.997 712	1	124	
		73		75			1		
877	9.010 271		9.012 560		0.987 440	9.997 711		123	
878	9.010 345	74	9.012 634	74	0.987 366	9.997 711	0	122	
879	9.010 418	73	9.012 709	75	0.987 291	9.997 710	1	121	
		74		74			1		
.880	9.010 492		9.012 783		0.987 217	9.997 709		**.120**	
		74		74			1		
881	9.010 566		9.012 857		0.987 143	9.997 708		119	
882	9.010 639	73	9.012 932	75	0.987 068	9.997 707	1	118	
883	9.010 713	74	9.013 006	74	0.986 994	9.997 707	0	117	
		73		75			1		
884	9.010 786		9.013 081		0.986 919	9.997 706		116	
885	9.010 860	74	9.013 155	74	0.986 845	9.997 705	1	115	
886	9.010 933	73	9.013 229	74	0.986 771	9.997 704	1	114	
		74		74			0		
887	9.011 007		9.013 303		0.986 697	9.997 704		113	
888	9.011 080	73	9.013 378	75	0.986 622	9.997 703	1	112	
889	9.011 154	74	9.013 452	74	0.986 548	9.997 702	1	111	
		73		74			1		
.890	9.011 227		9.013 526		0.986 474	9.997 701		**.110**	
		74		75			1		
891	9.011 301		9.013 601		0.986 399	9.997 700		109	
892	9.011 374	73	9.013 675	74	0.986 325	9.997 700	0	108	
893	9.011 448	74	9.013 749	74	0.986 251	9.997 699	1	107	
		73		74			1		
894	9.011 521		9.013 823		0.986 177	9.997 698		106	
895	9.011 595	74	9.013 897	74	0.986 103	9.997 697	1	105	
896	9.011 668	73	9.013 972	75	0.986 028	9.997 696	1	104	
		73		74			0		
897	9.011 741		9.014 046		0.985 954	9.997 696		103	
898	9.011 815	74	9.014 120	74	0.985 880	9.997 695	1	102	
899	9.011 888	73	9.014 194	74	0.985 806	9.997 694	1	101	
		74		74			1		
.900	9.011 962		9.014 268		0.985 732	9.997 693		**.100**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	75
1	7.5
2	15.0
3	22.5
4	30.0
5	37.5
6	45.0
7	52.5
8	60.0
9	67.5

	74
1	7.4
2	14.8
3	22.2
4	29.6
5	37.0
6	44.4
7	51.8
8	59.2
9	66.6

	73
1	7.3
2	14.6
3	21.9
4	29.2
5	36.5
6	43.8
7	51.1
8	58.4
9	65.7

84°.150 — 84°.100

5°.900 — 5°.950

5°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.011 962		9.014 268		0.985 732	9.997 693		.100	
		73		74			0		
901	9.012 035		9.014 342		0.985 658	9.997 693		099	
902	9.012 108	73	9.014 416	74	0.985 584	9.997 692	1	098	
903	9.012 182	74	9.014 491	75	0.985 509	9.997 691	1	097	
		73		74			1		75
904	9.012 255		9.014 565		0.985 435	9.997 690		096	1 7.5
905	9.012 328	73	9.014 639	74	0.985 361	9.997 689	1	095	2 15.0
906	9.012 401	73	9.014 713	74	0.985 287	9.997 689	0	094	3 22.5
		74		74			1		4 30.0
907	9.012 475		9.014 787		0.985 213	9.997 688		093	5 37.5
908	9.012 548	73	9.014 861	74	0.985 139	9.997 687	1	092	6 45.0
909	9.012 621	73	9.014 935	74	0.985 065	9.997 686	1	091	7 52.5
		73		74			0		8 60.0
.910	9.012 694		9.015 009		0.984 991	9.997 686		.090	9 67.5
		74		74			1		
911	9.012 768		9.015 083		0.984 917	9.997 685		089	
912	9.012 841	73	9.015 157	74	0.984 843	9.997 684	1	088	
913	9.012 914	73	9.015 231	74	0.984 769	9.997 683	1	087	
		73		74			1		
914	9.012 987		9.015 305		0.984 695	9.997 682		086	
915	9.013 060	73	9.015 379	74	0.984 621	9.997 682	0	085	
916	9.013 134	74	9.015 453	74	0.984 547	9.997 681	1	084	74
		73		74			1		1 7.4
917	9.013 207		9.015 527		0.984 473	9.997 680		083	2 14.8
918	9.013 280	73	9.015 601	74	0.984 399	9.997 679	1	082	3 22.2
919	9.013 353	73	9.015 675	74	0.984 325	9.997 678	1	081	4 29.6
		73		73			0		5 37.0
.920	9.013 426		9.015 748		0.984 252	9.997 678		.080	6 44.4
		73		74			1		7 51.8
921	9.013 499		9.015 822		0.984 178	9.997 677		079	8 59.2
922	9.013 572	73	9.015 896	74	0.984 104	9.997 676	1	078	9 66.6
923	9.013 645	73	9.015 970	74	0.984 030	9.997 675	1	077	
		73		74			0		
924	9.013 718		9.016 044		0.983 956	9.997 675		076	
925	9.013 791	73	9.016 118	74	0.983 882	9.997 674	1	075	
926	9.013 864	73	9.016 191	73	0.983 809	9.997 673	1	074	
		73		74			1		
927	9.013 937		9.016 265		0.983 735	9.997 672		073	73
928	9.014 010	73	9.016 339	74	0.983 661	9.997 671	1	072	
929	9.014 083	73	9.016 413	74	0.983 587	9.997 671	0	071	1 7.3
		73		74			1		2 14.6
.930	9.014 156		9.016 487		0.983 513	9.997 670		.070	3 21.9
		73		73			1		4 29.2
931	9.014 229		9.016 560		0.983 440	9.997 669		069	5 36.5
932	9.014 302	73	9.016 634	74	0.983 366	9.997 668	1	068	6 43.8
933	9.014 375	73	9.016 708	74	0.983 292	9.997 667	1	067	7 51.1
		73		74			0		8 58.4
934	9.014 448		9.016 782		0.983 218	9.997 667		066	9 65.7
935	9.014 521	73	9.016 855	73	0.983 145	9.997 666	1	065	
936	9.014 594	73	9.016 929	74	0.983 071	9.997 665	1	064	
		73		74			1		
937	9.014 667		9.017 003		0.982 997	9.997 664		063	
938	9.014 740	73	9.017 076	73	0.982 924	9.997 663	1	062	
939	9.014 813	73	9.017 150	74	0.982 850	9.997 663	0	061	72
		73		74			1		
.940	9.014 886		9.017 224		0.982 776	9.997 662		.060	1 7.2
		72		73			1		2 14.4
941	9.014 958		9.017 297		0.982 703	9.997 661		059	3 21.6
942	9.015 031	73	9.017 371	74	0.982 629	9.997 660	1	058	4 28.8
943	9.015 104	73	9.017 445	74	0.982 555	9.997 660	0	057	5 36.0
		73		73			1		6 43.2
944	9.015 177		9.017 518		0.982 482	9.997 659		056	7 50.4
945	9.015 250	73	9.017 592	74	0.982 408	9.997 658	1	055	8 57.6
946	9.015 322	72	9.017 665	73	0.982 335	9.997 657	1	054	9 64.8
		73		74			1		
947	9.015 395		9.017 739		0.982 261	9.997 656		053	
948	9.015 468	73	9.017 812	73	0.982 188	9.997 656	0	052	
949	9.015 541	73	9.017 886	74	0.982 114	9.997 655	1	051	
		72		73			1		
.950	9.015 613		9.017 959		0.982 041	9.997 654		.050	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

84°.100 — 84°.050

5°.950 — 6°.000

5°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.015 613		9.017 959		0.982 041	9.997 654		**.050**	
		73		74			1		
951	9.015 686		9.018 033		0.981 967	9.997 653		049	
		73		73			1		
952	9.015 759		9.018 106		0.981 894	9.997 652		048	
		73		74			0		
953	9.015 832		9.018 180		0.981 820	9.997 652		047	
		72		73			1		
954	9.015 904		9.018 253		0.981 747	9.997 651		046	
		73		74			1		
955	9.015 977		9.018 327		0.981 673	9.997 650		045	
		73		73			1		
956	9.016 050		9.018 400		0.981 600	9.997 649		044	
		72		74			1		
957	9.016 122		9.018 474		0.981 526	9.997 648		043	
		73		73			0		
958	9.016 195		9.018 547		0.981 453	9.997 648		042	
		73		74			1		
959	9.016 268		9.018 621		0.981 379	9.997 647		041	
		72		73			1		
.960	9.016 340		9.018 694		0.981 306	9.997 646		**.040**	
		73		73			1		
961	9.016 413		9.018 767		0.981 233	9.997 645		039	
		72		74			0		
962	9.016 485		9.018 841		0.981 159	9.997 645		038	
		73		73			1		
963	9.016 558		9.018 914		0.981 086	9.997 644		037	
		72		74			1		
964	9.016 630		9.018 988		0.981 012	9.997 643		036	
		73		73			1		
965	9.016 703		9.019 061		0.980 939	9.997 642		035	
		73		73			1		
966	9.016 776		9.019 134		0.980 866	9.997 641		034	
		72		74			0		
967	9.016 848		9.019 208		0.980 792	9.997 641		033	
		73		73			1		
968	9.016 921		9.019 281		0.980 719	9.997 640		032	
		72		73			1		
969	9.016 993		9.019 354		0.980 646	9.997 639		031	
		73		73			1		
.970	9.017 066		9.019 427		0.980 573	9.997 638		**.030**	
		72		74			1		
971	9.017 138		9.019 501		0.980 499	9.997 637		029	
		73		73			0		
972	9.017 211		9.019 574		0.980 426	9.997 637		028	
		72		73			1		
973	9.017 283		9.019 647		0.980 353	9.997 636		027	
		72		73			1		
974	9.017 355		9.019 720		0.980 280	9.997 635		026	
		73		74			1		
975	9.017 428		9.019 794		0.980 206	9.997 634		025	
		72		73			1		
976	9.017 500		9.019 867		0.980 133	9.997 633		024	
		73		73			0		
977	9.017 573		9.019 940		0.980 060	9.997 633		023	
		72		73			1		
978	9.017 645		9.020 013		0.979 987	9.997 632		022	
		72		73			1		
979	9.017 717		9.020 086		0.979 914	9.997 631		021	
		73		74			1		
.980	9.017 790		9.020 160		0.979 840	9.997 630		**.020**	
		72		73			1		
981	9.017 862		9.020 233		0.979 767	9.997 629		019	
		72		73			0		
982	9.017 934		9.020 306		0.979 694	9.997 629		018	
		73		73			1		
983	9.018 007		9.020 379		0.979 621	9.997 628		017	
		72		73			1		
984	9.018 079		9.020 452		0.979 548	9.997 627		016	
		72		73			1		
985	9.018 151		9.020 525		0.979 475	9.997 626		015	
		73		73			1		
986	9.018 224		9.020 598		0.979 402	9.997 625		014	
		72		73			0		
987	9.018 296		9.020 671		0.979 329	9.997 625		013	
		72		73			1		
988	9.018 368		9.020 744		0.979 256	9.997 624		012	
		73		73			1		
989	9.018 441		9.020 817		0.979 183	9.997 623		011	
		72		73			1		
.990	9.018 513		9.020 890		0.979 110	9.997 622		**.010**	
		72		74			0		
991	9.018 585		9.020 964		0.979 036	9.997 622		009	
		72		73			1		
992	9.018 657		9.021 037		0.978 963	9.997 621		008	
		72		73			1		
993	9.018 729		9.021 110		0.978 890	9.997 620		007	
		73		73			1		
994	9.018 802		9.021 183		0.978 817	9.997 619		006	
		72		72			1		
995	9.018 874		9.021 255		0.978 745	9.997 618		005	
		72		73			0		
996	9.018 946		9.021 328		0.978 672	9.997 618		004	
		72		73			1		
997	9.019 018		9.021 401		0.978 599	9.997 617		003	
		72		73			1		
998	9.019 090		9.021 474		0.978 526	9.997 616		002	
		72		73			1		
999	9.019 162		9.021 547		0.978 453	9.997 615		001	
		73		73			1		
***000**	9.019 235		9.021 620		0.978 380	9.997 614		**.000**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	74
1	7.4
2	14.8
3	22.2
4	29.6
5	37.0
6	44.4
7	51.8
8	59.2
9	66.6

	73
1	7.3
2	14.6
3	21.9
4	29.2
5	36.5
6	43.8
7	51.1
8	58.4
9	65.7

	72
1	7.2
2	14.4
3	21.6
4	28.8
5	36.0
6	43.2
7	50.4
8	57.6
9	64.8

84°.050 — 84°.000

6°.000 — 6°.050

6°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.019 235		9.021 620		0.978 380	9.997 614		*000	
		72		73			0		
001	9.019 307		9.021 693		0.978 307	9.997 614		999	
002	9.019 379	72	9.021 766	73	0.978 234	9.997 613	1	998	
003	9.019 451	72	9.021 839	73	0.978 161	9.997 612	1	997	
		72		73			1		
004	9.019 523		9.021 912		0.978 088	9.997 611		996	
005	9.019 595	72	9.021 985	73	0.978 015	9.997 610	1	995	
006	9.019 667	72	9.022 057	72	0.977 943	9.997 610	0	994	
		72		73			1		
007	9.019 739		9.022 130		0.977 870	9.997 609		993	
008	9.019 811	72	9.022 203	73	0.977 797	9.997 608	1	992	
009	9.019 883	72	9.022 276	73	0.977 724	9.997 607	1	991	
		72		73			1		
.010	9.019 955		9.022 349		0.977 651	9.997 606		.990	
		72		73			0		
011	9.020 027		9.022 422		0.977 578	9.997 606		989	
012	9.020 099	72	9.022 494	72	0.977 506	9.997 605	1	988	
013	9.020 171	72	9.022 567	73	0.977 433	9.997 604	1	987	
		72		73			1		
014	9.020 243		9.022 640		0.977 360	9.997 603		986	
015	9.020 315	72	9.022 713	73	0.977 287	9.997 602	1	985	
016	9.020 387	72	9.022 785	72	0.977 215	9.997 602	0	984	
		72		73			1		
017	9.020 459		9.022 858		0.977 142	9.997 601		983	
018	9.020 531	72	9.022 931	73	0.977 069	9.997 600	1	982	
019	9.020 603	72	9.023 003	72	0.976 997	9.997 599	1	981	
		72		73			1		
.020	9.020 675		9.023 076		0.976 924	9.997 598		.980	
		71		73			0		
021	9.020 746		9.023 149		0.976 851	9.997 598		979	
022	9.020 818	72	9.023 221	72	0.976 779	9.997 597	1	978	
023	9.020 890	72	9.023 294	73	0.976 706	9.997 596	1	977	
		72		73			1		
024	9.020 962		9.023 367		0.976 633	9.997 595		976	
025	9.021 034	72	9.023 439	72	0.976 561	9.997 594	1	975	
026	9.021 106	72	9.023 512	73	0.976 488	9.997 594	0	974	
		71		73			1		
027	9.021 177		9.023 585		0.976 415	9.997 593		973	
028	9.021 249	72	9.023 657	72	0.976 343	9.997 592	1	972	
029	9.021 321	72	9.023 730	73	0.976 270	9.997 591	1	971	
		72		72			1		
.030	9.021 393		9.023 802		0.976 198	9.997 590		.970	
		71		73			0		
031	9.021 464		9.023 875		0.976 125	9.997 590		969	
032	9.021 536	72	9.023 947	72	0.976 053	9.997 589	1	968	
033	9.021 608	72	9.024 020	73	0.975 980	9.997 588	1	967	
		72		72			1		
034	9.021 680		9.024 092		0.975 908	9.997 587		966	
035	9.021 751	71	9.024 165	73	0.975 835	9.997 586	1	965	
036	9.021 823	72	9.024 237	72	0.975 763	9.997 586	0	964	
		72		73			1		
037	9.021 895		9.024 310		0.975 690	9.997 585		963	
038	9.021 966	71	9.024 382	72	0.975 618	9.997 584	1	962	
039	9.022 038	72	9.024 455	73	0.975 545	9.997 583	1	961	
		72		72			1		
.040	9.022 110		9.024 527		0.975 473	9.997 582		.960	
		71		73			0		
041	9.022 181		9.024 600		0.975 400	9.997 582		959	
042	9.022 253	72	9.024 672	72	0.975 328	9.997 581	1	958	
043	9.022 324	71	9.024 745	73	0.975 255	9.997 580	1	957	
		72		72			1		
044	9.022 396		9.024 817		0.975 183	9.997 579		956	
045	9.022 468	72	9.024 889	72	0.975 111	9.997 578	1	955	
046	9.022 539	71	9.024 962	73	0.975 038	9.997 578	0	954	
		72		72			1		
047	9.022 611		9.025 034		0.974 966	9.997 577		953	
048	9.022 682	71	9.025 106	72	0.974 894	9.997 576	1	952	
049	9.022 754	72	9.025 179	73	0.974 821	9.997 575	1	951	
		71		72			1		
.050	9.022 825		9.025 251		0.974 749	9.997 574		.950	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

	73
1	7.3
2	14.6
3	21.9
4	29.2
5	36.5
6	43.8
7	51.1
8	58.4
9	65.7

	72
1	7.2
2	14.4
3	21.6
4	28.8
5	36.0
6	43.2
7	50.4
8	57.6
9	64.8

	71
1	7.1
2	14.2
3	21.3
4	28.4
5	35.5
6	42.6
7	49.7
8	56.8
9	63.9

84°.000 — 83°.950

6°.050 — 6°.100

6°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.022 825		9.025 251		0.974 749	9.997 574		.950	
		72		72			0		
051	9.022 897		9.025 323		0.974 677	9.997 574		949	
052	9.022 968	71	9.025 396	73	0.974 604	9.997 573	1	948	
053	9.023 040	72	9.025 468	72	0.974 532	9.997 572	1	947	
		71		72			1		73
054	9.023 111		9.025 540		0.974 460	9.997 571		946	1 7.3
055	9.023 183	72	9.025 613	73	0.974 387	9.997 570	1	945	2 14.6
056	9.023 254	71	9.025 685	72	0.974 315	9.997 570	0	944	3 21.9
		72		72			1		4 29.2
057	9.023 326		9.025 757		0.974 243	9.997 569		943	5 36.5
058	9.023 397	71	9.025 829	72	0.974 171	9.997 568	1	942	6 43.8
059	9.023 469	72	9.025 901	72	0.974 099	9.997 567	1	941	7 51.1
		71		73			1		8 58.4
.060	9.023 540		9.025 974		0.974 026	9.997 566		.940	9 65.7
		71		72			0		
061	9.023 611		9.026 046		0.973 954	9.997 566		939	
062	9.023 683	72	9.026 118	72	0.973 882	9.997 565	1	938	
063	9.023 754	71	9.026 190	72	0.973 810	9.997 564	1	937	
		71		72			1		
064	9.023 825		9.026 262		0.973 738	9.997 563		936	
065	9.023 897	72	9.026 335	73	0.973 665	9.997 562	1	935	
066	9.023 968	71	9.026 407	72	0.973 593	9.997 561	1	934	72
		71		72			0		1 7.2
067	9.024 039		9.026 479		0.973 521	9.997 561		933	2 14.4
068	9.024 111	72	9.026 551	72	0.973 449	9.997 560	1	932	3 21.6
069	9.024 182	71	9.026 623	72	0.973 377	9.997 559	1	931	4 28.8
		71		72			1		5 36.0
.070	9.024 253		9.026 695		0.973 305	9.997 558		.930	6 43.2
		72		72			1		7 50.4
071	9.024 325		9.026 767		0.973 233	9.997 557		929	8 57.6
072	9.024 396	71	9.026 839	72	0.973 161	9.997 557	0	928	9 64.8
073	9.024 467	71	9.026 911	72	0.973 089	9.997 556	1	927	
		71		72			1		
074	9.024 538		9.026 983		0.973 017	9.997 555		926	
075	9.024 610	72	9.027 055	72	0.972 945	9.997 554	1	925	
076	9.024 681	71	9.027 127	72	0.972 873	9.997 553	1	924	
		71		72			0		71
077	9.024 752		9.027 199		0.972 801	9.997 553		923	1 7.1
078	9.024 823	71	9.027 271	72	0.972 729	9.997 552	1	922	2 14.2
079	9.024 894	71	9.027 343	72	0.972 657	9.997 551	1	921	3 21.3
		72		72			1		4 28.4
.080	9.024 966		9.027 415		0.972 585	9.997 550		.920	5 35.5
		71		72			1		6 42.6
081	9.025 037		9.027 487		0.972 513	9.997 549		919	7 49.7
082	9.025 108	71	9.027 559	72	0.972 441	9.997 549	0	918	8 56.8
083	9.025 179	71	9.027 631	72	0.972 369	9.997 548	1	917	9 63.9
		71		72			1		
084	9.025 250		9.027 703		0.972 297	9.997 547		916	
085	9.025 321	71	9.027 775	72	0.972 225	9.997 546	1	915	
086	9.025 392	71	9.027 847	72	0.972 153	9.997 545	1	914	
		71		72			0		70
087	9.025 463		9.027 919		0.972 081	9.997 545		913	1 7.0
088	9.025 534	71	9.027 991	72	0.972 009	9.997 544	1	912	2 14.0
089	9.025 606	72	9.028 063	72	0.971 937	9.997 543	1	911	3 21.0
		71		71			1		4 28.0
.090	9.025 677		9.028 134		0.971 866	9.997 542		.910	5 35.0
		71		72			1		6 42.0
091	9.025 748		9.028 206		0.971 794	9.997 541		909	7 49.0
092	9.025 819	71	9.028 278	72	0.971 722	9.997 540	1	908	8 56.0
093	9.025 890	71	9.028 350	72	0.971 650	9.997 540	0	907	9 63.0
		71		72			1		
094	9.025 961		9.028 422		0.971 578	9.997 539		906	
095	9.026 032	71	9.028 494	72	0.971 506	9.997 538	1	905	
096	9.026 103	71	9.028 565	71	0.971 435	9.997 537	1	904	
		71		72			1		
097	9.026 174		9.028 637		0.971 363	9.997 536		903	
098	9.026 245	71	9.028 709	72	0.971 291	9.997 536	0	902	
099	9.026 316	71	9.028 781	72	0.971 219	9.997 535	1	901	
		70		71			1		
.100	9.026 386		9.028 852		0.971 148	9.997 534		.900	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

83°.950 — 83°.900

$6^\circ.100 - 6^\circ.150$

6°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.026 386		9.028 852		0.971 148	9.997 534		**.900**	
		71		72			1		
101	9.026 457		9.028 924		0.971 076	9.997 533		899	
		71		72			1		
102	9.026 528		9.028 996		0.971 004	9.997 532		898	
		71		72			0		
103	9.026 599		9.029 068		0.970 932	9.997 532		897	
		71		71			1		
104	9.026 670		9.029 139		0.970 861	9.997 531		896	
		71		72			1		
105	9.026 741		9.029 211		0.970 789	9.997 530		895	
		71		72			1		
106	9.026 812		9.029 283		0.970 717	9.997 529		894	
		71		71			1		
107	9.026 883		9.029 354		0.970 646	9.997 528		893	
		70		72			0		
108	9.026 953		9.029 426		0.970 574	9.997 528		892	
		71		72			1		
109	9.027 024		9.029 498		0.970 502	9.997 527		891	
		71		71			1		
.110	9.027 095		9.029 569		0.970 431	9.997 526		**.890**	
		71		72			1		
111	9.027 166		9.029 641		0.970 359	9.997 525		889	
		71		71			1		
112	9.027 237		9.029 712		0.970 288	9.997 524		888	
		71		72			1		
113	9.027 308		9.029 784		0.970 216	9.997 523		887	
		70		72			0		
114	9.027 378		9.029 856		0.970 144	9.997 523		886	
		71		71			1		
115	9.027 449		9.029 927		0.970 073	9.997 522		885	
		71		72			1		
116	9.027 520		9.029 999		0.970 001	9.997 521		884	
		71		71			1		
117	9.027 591		9.030 070		0.969 930	9.997 520		883	
		70		72			1		
118	9.027 661		9.030 142		0.969 858	9.997 519		882	
		71		71			0		
119	9.027 732		9.030 213		0.969 787	9.997 519		881	
		71		72			1		
.120	9.027 803		9.030 285		0.969 715	9.997 518		**.880**	
		70		71			1		
121	9.027 873		9.030 356		0.969 644	9.997 517		879	
		71		72			1		
122	9.027 944		9.030 428		0.969 572	9.997 516		878	
		71		71			1		
123	9.028 015		9.030 499		0.969 501	9.997 515		877	
		70		72			0		
124	9.028 085		9.030 571		0.969 429	9.997 515		876	
		71		71			1		
125	9.028 156		9.030 642		0.969 358	9.997 514		875	
		71		72			1		
126	9.028 227		9.030 714		0.969 286	9.997 513		874	
		70		71			1		
127	9.028 297		9.030 785		0.969 215	9.997 512		873	
		71		72			1		
128	9.028 368		9.030 857		0.969 143	9.997 511		872	
		70		71			1		
129	9.028 438		9.030 928		0.969 072	9.997 510		871	
		71		71			0		
.130	9.028 509		9.030 999		0.969 001	9.997 510		**.870**	
		71		72			1		
131	9.028 580		9.031 071		0.968 929	9.997 509		869	
		70		71			1		
132	9.028 650		9.031 142		0.968 858	9.997 508		868	
		71		71			1		
133	9.028 721		9.031 213		0.968 787	9.997 507		867	
		70		72			1		
134	9.028 791		9.031 285		0.968 715	9.997 506		866	
		71		71			0		
135	9.028 862		9.031 356		0.968 644	9.997 506		865	
		70		71			1		
136	9.028 932		9.031 427		0.968 573	9.997 505		864	
		71		72			1		
137	9.029 003		9.031 499		0.968 501	9.997 504		863	
		70		71			1		
138	9.029 073		9.031 570		0.968 430	9.997 503		862	
		71		71			1		
139	9.029 144		9.031 641		0.968 359	9.997 502		861	
		70		72			0		
.140	9.029 214		9.031 713		0.968 287	9.997 502		**.860**	
		71		71			1		
141	9.029 285		9.031 784		0.968 216	9.997 501		859	
		70		71			1		
142	9.029 355		9.031 855		0.968 145	9.997 500		858	
		71		71			1		
143	9.029 426		9.031 926		0.968 074	9.997 499		857	
		70		72			1		
144	9.029 496		9.031 998		0.968 002	9.997 498		856	
		70		71			1		
145	9.029 566		9.032 069		0.967 931	9.997 497		855	
		71		71			0		
146	9.029 637		9.032 140		0.967 860	9.997 497		854	
		70		71			1		
147	9.029 707		9.032 211		0.967 789	9.997 496		853	
		71		72			1		
148	9.029 778		9.032 283		0.967 717	9.997 495		852	
		70		71			1		
149	9.029 848		9.032 354		0.967 646	9.997 494		851	
		70		71			1		
.150	9.029 918		9.032 425		0.967 575	9.997 493		**.850**	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

	72
1	7.2
2	14.4
3	21.6
4	28.8
5	36.0
6	43.2
7	50.4
8	57.6
9	64.8

	71
1	7.1
2	14.2
3	21.3
4	28.4
5	35.5
6	42.6
7	49.7
8	56.8
9	63.9

	70
1	7.0
2	14.0
3	21.0
4	28.0
5	35.0
6	42.0
7	49.0
8	56.0
9	63.0

$83^\circ.900 - 83^\circ.850$

6°.150 — 6°.200

6°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.029 918		9.032 425		0.967 575	9.997 493		.850	
		71		71			0		
151	9.029 989		9.032 496		0.967 504	9.997 493		849	
152	9.030 059	70	9.032 567	71	0.967 433	9.997 492	1	848	
153	9.030 129	70	9.032 638	71	0.967 362	9.997 491	1	847	
		71		71			1		72
154	9.030 200		9.032 709		0.967 291	9.997 490		846	1 7.2
155	9.030 270	70	9.032 781	72	0.967 219	9.997 489	1	845	2 14.4
156	9.030 340	70	9.032 852	71	0.967 148	9.997 488	1	844	3 21.6
		70		71			0		4 28.8
157	9.030 410		9.032 923		0.967 077	9.997 488		843	5 36.0
158	9.030 481	71	9.032 994	71	0.967 006	9.997 487	1	842	6 43.2
159	9.030 551	70	9.033 065	71	0.966 935	9.997 486	1	841	7 50.4
		70		71			1		8 57.6
.160	9.030 621		9.033 136		0.966 864	9.997 485		.840	9 64.8
		70		71			1		
161	9.030 691		9.033 207		0.966 793	9.997 484		839	
162	9.030 762	71	9.033 278	71	0.966 722	9.997 484	0	838	
163	9.030 832	70	9.033 349	71	0.966 651	9.997 483	1	837	
		70		71			1		
164	9.030 902		9.033 420		0.966 580	9.997 482		836	
165	9.030 972	70	9.033 491	71	0.966 509	9.997 481	1	835	71
166	9.031 042	70	9.033 562	71	0.966 438	9.997 480	1	834	
		70		71			1		1 7.1
167	9.031 112		9.033 633		0.966 367	9.997 479		833	2 14.2
168	9.031 183	71	9.033 704	71	0.966 296	9.997 479	0	832	3 21.3
169	9.031 253	70	9.033 775	71	0.966 225	9.997 478	1	831	4 28.4
		70		71			1		5 35.5
.170	9.031 323		9.033 846		0.966 154	9.997 477		.830	6 42.6
		70		71			1		7 49.7
171	9.031 393		9.033 917		0.966 083	9.997 476		829	8 56.8
172	9.031 463	70	9.033 988	71	0.966 012	9.997 475	1	828	9 63.9
173	9.031 533	70	9.034 059	71	0.965 941	9.997 475	0	827	
		70		70			1		
174	9.031 603		9.034 129		0.965 871	9.997 474		826	
175	9.031 673	70	9.034 200	71	0.965 800	9.997 473	1	825	
176	9.031 743	70	9.034 271	71	0.965 729	9.997 472	1	824	
		70		71			1		70
177	9.031 813		9.034 342		0.965 658	9.997 471		823	
178	9.031 883	70	9.034 413	71	0.965 587	9.997 470	1	822	1 7.0
179	9.031 953	70	9.034 484	71	0.965 516	9.997 470	0	821	2 14.0
		70		71			1		3 21.0
.180	9.032 023		9.034 555		0.965 445	9.997 469		.820	4 28.0
		70		70			1		5 35.0
181	9.032 093		9.034 625		0.965 375	9.997 468		819	6 42.0
182	9.032 163	70	9.034 696	71	0.965 304	9.997 467	1	818	7 49.0
183	9.032 233	70	9.034 767	71	0.965 233	9.997 466	1	817	8 56.0
		70		71			1		9 63.0
184	9.032 303		9.034 838		0.965 162	9.997 465		816	
185	9.032 373	70	9.034 909	71	0.965 091	9.997 465	0	815	
186	9.032 443	70	9.034 979	70	0.965 021	9.997 464	1	814	
		70		71			1		
187	9.032 513		9.035 050		0.964 950	9.997 463		813	
188	9.032 583	70	9.035 121	71	0.964 879	9.997 462	1	812	
189	9.032 653	70	9.035 192	71	0.964 808	9.997 461	1	811	69
		70		70			0		
.190	9.032 723		9.035 262		0.964 738	9.997 461		.810	1 6.9
		70		71			1		2 13.8
191	9.032 793		9.035 333		0.964 667	9.997 460		809	3 20.7
192	9.032 863	70	9.035 404	71	0.964 596	9.997 459	1	808	4 27.6
193	9.032 932	69	9.035 474	70	0.964 526	9.997 458	1	807	5 34.5
		70		71			1		6 41.4
194	9.033 002		9.035 545		0.964 455	9.997 457		806	7 48.3
195	9.033 072	70	9.035 616	71	0.964 384	9.997 456	1	805	8 55.2
196	9.033 142	70	9.035 686	70	0.964 314	9.997 456	0	804	9 62.1
		70		71			1		
197	9.033 212		9.035 757		0.964 243	9.997 455		803	
198	9.033 282	70	9.035 828	71	0.964 172	9.997 454	1	802	
199	9.033 351	69	9.035 898	70	0.964 102	9.997 453	1	801	
		70		71			1		
.200	9.033 421		9.035 969		0.964 031	9.997 452		.800	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

83°.850 — 83°.800

6°.200 — 6°.250

6°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.033 421		9.035 969		0.964 031	9.997 452		**.800**	
		70		70			0		
201	9.033 491		9.036 039		0.963 961	9.997 452		799	
202	9.033 561	70	9.036 110	71	0.963 890	9.997 451	1	798	
203	9.033 630	69	9.036 181	71	0.963 819	9.997 450	1	797	
		70		70			1		
204	9.033 700		9.036 251		0.963 749	9.997 449		796	
205	9.033 770	70	9.036 322	71	0.963 678	9.997 448	1	795	
206	9.033 840	70	9.036 392	70	0.963 608	9.997 447	1	794	
		69		71			0		
207	9.033 909		9.036 463		0.963 537	9.997 447		793	
208	9.033 979	70	9.036 533	70	0.963 467	9.997 446	1	792	
209	9.034 049	70	9.036 604	71	0.963 396	9.997 445	1	791	
		69		70			1		
.210	9.034 118		9.036 674		0.963 326	9.997 444		**.790**	
		70		71			1		
211	9.034 188		9.036 745		0.963 255	9.997 443		789	
212	9.034 258	70	9.036 815	70	0.963 185	9.997 442	1	788	
213	9.034 327	69	9.036 886	71	0.963 114	9.997 442	0	787	
		70		70			1		
214	9.034 397		9.036 956		0.963 044	9.997 441		786	
215	9.034 466	69	9.037 027	71	0.962 973	9.997 440	1	785	
216	9.034 536	70	9.037 097	70	0.962 903	9.997 439	1	784	
		70		70			1		
217	9.034 606		9.037 167		0.962 833	9.997 438		783	
218	9.034 675	69	9.037 238	71	0.962 762	9.997 437	1	782	
219	9.034 745	70	9.037 308	70	0.962 692	9.997 437	0	781	
		69		71			1		
.220	9.034 814		9.037 379		0.962 621	9.997 436		**.780**	
		70		70			1		
221	9.034 884		9.037 449		0.962 551	9.997 435		779	
222	9.034 953	69	9.037 519	70	0.962 481	9.997 434	1	778	
223	9.035 023	70	9.037 590	71	0.962 410	9.997 433	1	777	
		69		70			0		
224	9.035 092		9.037 660		0.962 340	9.997 433		776	
225	9.035 162	70	9.037 730	70	0.962 270	9.997 432	1	775	
226	9.035 231	69	9.037 801	71	0.962 199	9.997 431	1	774	
		70		70			1		
227	9.035 301		9.037 871		0.962 129	9.997 430		773	
228	9.035 370	69	9.037 941	70	0.962 059	9.997 429	1	772	
229	9.035 440	70	9.038 011	70	0.961 989	9.997 428	1	771	
		69		71			0		
.230	9.035 509		9.038 082		0.961 918	9.997 428		**.770**	
		70		70			1		
231	9.035 579		9.038 152		0.961 848	9.997 427		769	
232	9.035 648	69	9.038 222	70	0.961 778	9.997 426	1	768	
233	9.035 718	70	9.038 292	70	0.961 708	9.997 425	1	767	
		69		71			1		
234	9.035 787		9.038 363		0.961 637	9.997 424		766	
235	9.035 856	69	9.038 433	70	0.961 567	9.997 423	1	765	
236	9.035 926	70	9.038 503	70	0.961 497	9.997 423	0	764	
		69		70			1		
237	9.035 995		9.038 573		0.961 427	9.997 422		763	
238	9.036 064	69	9.038 643	70	0.961 357	9.997 421	1	762	
239	9.036 134	70	9.038 714	71	0.961 286	9.997 420	1	761	
		69		70			1		
.240	9.036 203		9.038 784		0.961 216	9.997 419		**.760**	
		69		70			1		
241	9.036 272		9.038 854		0.961 146	9.997 418		759	
242	9.036 342	70	9.038 924	70	0.961 076	9.997 418	0	758	
243	9.036 411	69	9.038 994	70	0.961 006	9.997 417	1	757	
		69		70			1		
244	9.036 480		9.039 064		0.960 936	9.997 416		756	
245	9.036 550	70	9.039 134	70	0.960 866	9.997 415	1	755	
246	9.036 619	69	9.039 205	71	0.960 795	9.997 414	1	754	
		69		70			1		
247	9.036 688		9.039 275		0.960 725	9.997 413		753	
248	9.036 757	69	9.039 345	70	0.960 655	9.997 413	0	752	
249	9.036 827	70	9.039 415	70	0.960 585	9.997 412	1	751	
		69		70			1		
.250	9.036 896		9.039 485		0.960 515	9.997 411		**.750**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	71
1	7.1
2	14.2
3	21.3
4	28.4
5	35.5
6	42.6
7	49.7
8	56.8
9	63.9

	70
1	7.0
2	14.0
3	21.0
4	28.0
5	35.0
6	42.0
7	49.0
8	56.0
9	63.0

	69
1	6.9
2	13.8
3	20.7
4	27.6
5	34.5
6	41.4
7	48.3
8	55.2
9	62.1

83°.800 — 83°.750

6°.250 — 6°.300

6°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.036 896		9.039 485		0.960 515	9.997 411		**.750**	
		69		70			1		
251	9.036 965		9.039 555		0.960 445	9.997 410		749	
252	9.037 034	69	9.039 625	70	0.960 375	9.997 409	1	748	
253	9.037 103	69	9.039 695	70	0.960 305	9.997 409	0	747	
		70		70			1		
254	9.037 173		9.039 765		0.960 235	9.997 408		746	
255	9.037 242	69	9.039 835	70	0.960 165	9.997 407	1	745	
256	9.037 311	69	9.039 905	70	0.960 095	9.997 406	1	744	
		69		70			1		
257	9.037 380		9.039 975		0.960 025	9.997 405		743	
258	9.037 449	69	9.040 045	70	0.959 955	9.997 404	1	742	
259	9.037 518	69	9.040 115	70	0.959 885	9.997 404	0	741	
		69		70			1		
.260	9.037 587		9.040 185		0.959 815	9.997 403		**.740**	
		69		70			1		
261	9.037 656		9.040 255		0.959 745	9.997 402		739	
262	9.037 725	69	9.040 324	69	0.959 676	9.997 401	1	738	
263	9.037 795	70	9.040 394	70	0.959 606	9.997 400	1	737	
		69		70			1		
264	9.037 864		9.040 464		0.959 536	9.997 399		736	
265	9.037 933	69	9.040 534	70	0.959 466	9.997 399	0	735	
266	9.038 002	69	9.040 604	70	0.959 396	9.997 398	1	734	
		69		70			1		
267	9.038 071		9.040 674		0.959 326	9.997 397		733	
268	9.038 140	69	9.040 744	70	0.959 256	9.997 396	1	732	
269	9.038 209	69	9.040 814	70	0.959 186	9.997 395	1	731	
		69		69			1		
.270	9.038 278		9.040 883		0.959 117	9.997 394		**.730**	
		69		70			0		
271	9.038 347		9.040 953		0.959 047	9.997 394		729	
272	9.038 416	69	9.041 023	70	0.958 977	9.997 393	1	728	
273	9.038 485	69	9.041 093	70	0.958 907	9.997 392	1	727	
		69		70			1		
274	9.038 554		9.041 163		0.958 837	9.997 391		726	
275	9.038 623	69	9.041 232	69	0.958 768	9.997 390	1	725	
276	9.038 691	68	9.041 302	70	0.958 698	9.997 389	1	724	
		69		70			0		
277	9.038 760		9.041 372		0.958 628	9.997 389		723	
278	9.038 829	69	9.041 442	70	0.958 558	9.997 388	1	722	
279	9.038 898	69	9.041 511	69	0.958 489	9.997 387	1	721	
		69		70			1		
.280	9.038 967		9.041 581		0.958 419	9.997 386		**.720**	
		69		70			1		
281	9.039 036		9.041 651		0.958 349	9.997 385		719	
282	9.039 105	69	9.041 720	69	0.958 280	9.997 384	1	718	
283	9.039 174	69	9.041 790	70	0.958 210	9.997 384	0	717	
		69		70			1		
284	9.039 243		9.041 860		0.958 140	9.997 383		716	
285	9.039 311	68	9.041 929	69	0.958 071	9.997 382	1	715	
286	9.039 380	69	9.041 999	70	0.958 001	9.997 381	1	714	
		69		70			1		
287	9.039 449		9.042 069		0.957 931	9.997 380		713	
288	9.039 518	69	9.042 138	69	0.957 862	9.997 379	1	712	
289	9.039 587	69	9.042 208	70	0.957 792	9.997 379	0	711	
		68		70			1		
.290	9.039 655		9.042 278		0.957 722	9.997 378		**.710**	
		69		69			1		
291	9.039 724		9.042 347		0.957 653	9.997 377		709	
292	9.039 793	69	9.042 417	70	0.957 583	9.997 376	1	708	
293	9.039 862	69	9.042 486	69	0.957 514	9.997 375	1	707	
		68		70			1		
294	9.039 930		9.042 556		0.957 444	9.997 374		706	
295	9.039 999	69	9.042 626	70	0.957 374	9.997 374	0	705	
296	9.040 068	69	9.042 695	69	0.957 305	9.997 373	1	704	
		68		70			1		
297	9.040 136		9.042 765		0.957 235	9.997 372		703	
298	9.040 205	69	9.042 834	69	0.957 166	9.997 371	1	702	
299	9.040 274	69	9.042 904	70	0.957 096	9.997 370	1	701	
		68		69			1		
.300	9.040 342		9.042 973		0.957 027	9.997 369		**.700**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	70
1	7.0
2	14.0
3	21.0
4	28.0
5	35.0
6	42.0
7	49.0
8	56.0
9	63.0

	69
1	6.9
2	13.8
3	20.7
4	27.6
5	34.5
6	41.4
7	48.3
8	55.2
9	62.1

	68
1	6.8
2	13.6
3	20.4
4	27.2
5	34.0
6	40.8
7	47.6
8	54.4
9	61.2

83°.750 — 83°.700

6°.300 — 6°.350

6°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.040 342		9.042 973		0.957 027	9.997 369		.700	
		69		70			1		
301	9.040 411		9.043 043		0.956 957	9.997 368		699	
302	9.040 480	69	9.043 112	69	0.956 888	9.997 368	0	698	
303	9.040 548	68	9.043 182	70	0.956 818	9.997 367	1	697	
		69		69			1		
304	9.040 617		9.043 251		0.956 749	9.997 366		696	
305	9.040 686	69	9.043 320	69	0.956 680	9.997 365	1	695	
306	9.040 754	68	9.043 390	70	0.956 610	9.997 364	1	694	
		69		69			1		
307	9.040 823		9.043 459		0.956 541	9.997 363		693	
308	9.040 891	68	9.043 529	70	0.956 471	9.997 363	0	692	
309	9.040 960	69	9.043 598	69	0.956 402	9.997 362	1	691	
		68		70			1		
.310	9.041 028		9.043 668		0.956 332	9.997 361		.690	
		69		69			1		
311	9.041 097		9.043 737		0.956 263	9.997 360		689	
312	9.041 166	69	9.043 806	69	0.956 194	9.997 359	1	688	
313	9.041 234	68	9.043 876	70	0.956 124	9.997 358	1	687	
		69		69			0		
314	9.041 303		9.043 945		0.956 055	9.997 358		686	
315	9.041 371	68	9.044 014	69	0.955 986	9.997 357	1	685	
316	9.041 440	69	9.044 084	70	0.955 916	9.997 356	1	684	
		68		69			1		
317	9.041 508		9.044 153		0.955 847	9.997 355		683	
318	9.041 577	69	9.044 222	69	0.955 778	9.997 354	1	682	
319	9.041 645	68	9.044 292	70	0.955 708	9.997 353	1	681	
		68		69			0		
.320	9.041 713		9.044 361		0.955 639	9.997 353		.680	
		69		69			1		
321	9.041 782		9.044 430		0.955 570	9.997 352		679	
322	9.041 850	68	9.044 499	69	0.955 501	9.997 351	1	678	
323	9.041 919	69	9.044 569	70	0.955 431	9.997 350	1	677	
		68		69			1		
324	9.041 987		9.044 638		0.955 362	9.997 349		676	
325	9.042 055	68	9.044 707	69	0.955 293	9.997 348	1	675	
326	9.042 124	69	9.044 776	69	0.955 224	9.997 348	0	674	
		68		70			1		
327	9.042 192		9.044 846		0.955 154	9.997 347		673	
328	9.042 261	69	9.044 915	69	0.955 085	9.997 346	1	672	
329	9.042 329	68	9.044 984	69	0.955 016	9.997 345	1	671	
		68		69			1		
.330	9.042 397		9.045 053		0.954 947	9.997 344		.670	
		69		69			1		
331	9.042 466		9.045 122		0.954 878	9.997 343		669	
332	9.042 534	68	9.045 191	69	0.954 809	9.997 342	1	668	
333	9.042 602	68	9.045 261	70	0.954 739	9.997 342	0	667	
		68		69			1		
334	9.042 670		9.045 330		0.954 670	9.997 341		666	
335	9.042 739	69	9.045 399	69	0.954 601	9.997 340	1	665	
336	9.042 807	68	9.045 468	69	0.954 532	9.997 339	1	664	
		68		69			1		
337	9.042 875		9.045 537		0.954 463	9.997 338		663	
338	9.042 944	69	9.045 606	69	0.954 394	9.997 337	1	662	
339	9.043 012	68	9.045 675	69	0.954 325	9.997 337	0	661	
		68		69			1		
.340	9.043 080		9.045 744		0.954 256	9.997 336		.660	
		68		69			1		
341	9.043 148		9.045 813		0.954 187	9.997 335		659	
342	9.043 216	68	9.045 882	69	0.954 118	9.997 334	1	658	
343	9.043 285	69	9.045 951	69	0.954 049	9.997 333	1	657	
		68		69			1		
344	9.043 353		9.046 020		0.953 980	9.997 332		656	
345	9.043 421	68	9.046 089	69	0.953 911	9.997 332	0	655	
346	9.043 489	68	9.046 158	69	0.953 842	9.997 331	1	654	
		68		69			1		
347	9.043 557		9.046 227		0.953 773	9.997 330		653	
348	9.043 625	68	9.046 296	69	0.953 704	9.997 329	1	652	
349	9.043 694	69	9.046 365	69	0.953 635	9.997 328	1	651	
		68		69			1		
.350	9.043 762		9.046 434		0.953 566	9.997 327		.650	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

	70
1	7.0
2	14.0
3	21.0
4	28.0
5	35.0
6	42.0
7	49.0
8	56.0
9	63.0

	69
1	6.9
2	13.8
3	20.7
4	27.6
5	34.5
6	41.4
7	48.3
8	55.2
9	62.1

	68
1	6.8
2	13.6
3	20.4
4	27.2
5	34.0
6	40.8
7	47.6
8	54.4
9	61.2

83°.700 — 83°.650

6°.350 — 6°.400

6°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.043 762	68	9.046 434	69	0.953 566	9.997 327	1	.650	
351	9.043 830	68	9.046 503	69	0.953 497	9.997 326	0	649	
352	9.043 898	68	9.046 572	69	0.953 428	9.997 326	1	648	
353	9.043 966	68	9.046 641	69	0.953 359	9.997 325	1	647	
354	9.044 034	68	9.046 710	69	0.953 290	9.997 324	1	646	
355	9.044 102	68	9.046 779	69	0.953 221	9.997 323	1	645	
356	9.044 170	68	9.046 848	69	0.953 152	9.997 322	1	644	
357	9.044 238	68	9.046 917	69	0.953 083	9.997 321	0	643	
358	9.044 306	68	9.046 986	69	0.953 014	9.997 321	1	642	
359	9.044 374	68	9.047 055	68	0.952 945	9.997 320	1	641	
.360	9.044 442	68	9.047 123	69	0.952 877	9.997 319	1	.640	
361	9.044 510	68	9.047 192	69	0.952 808	9.997 318	1	639	
362	9.044 578	68	9.047 261	69	0.952 739	9.997 317	1	638	
363	9.044 646	68	9.047 330	69	0.952 670	9.997 316	1	637	
364	9.044 714	68	9.047 399	68	0.952 601	9.997 315	0	636	
365	9.044 782	68	9.047 467	69	0.952 533	9.997 315	1	635	
366	9.044 850	68	9.047 536	69	0.952 464	9.997 314	1	634	
367	9.044 918	68	9.047 605	69	0.952 395	9.997 313	1	633	
368	9.044 986	68	9.047 674	69	0.952 326	9.997 312	1	632	
369	9.045 054	68	9.047 743	69	0.952 257	9.997 311	1	631	
.370	9.045 122	68	9.047 811	68	0.952 189	9.997 310	1	.630	
371	9.045 190	68	9.047 880	69	0.952 120	9.997 310	0	629	
372	9.045 258	67	9.047 949	69	0.952 051	9.997 309	1	628	
373	9.045 325	68	9.048 018	69	0.951 982	9.997 308	1	627	
374	9.045 393	68	9.048 086	68	0.951 914	9.997 307	1	626	
375	9.045 461	68	9.048 155	69	0.951 845	9.997 306	1	625	
376	9.045 529	68	9.048 224	69	0.951 776	9.997 305	1	624	
377	9.045 597	68	9.048 292	68	0.951 708	9.997 304	0	623	
378	9.045 665	67	9.048 361	69	0.951 639	9.997 304	1	622	
379	9.045 732	68	9.048 430	69	0.951 570	9.997 303	1	621	
.380	9.045 800	68	9.048 498	68	0.951 502	9.997 302	1	.620	
381	9.045 868	68	9.048 567	69	0.951 433	9.997 301	1	619	
382	9.045 936	68	9.048 635	68	0.951 365	9.997 300	1	618	
383	9.046 004	67	9.048 704	69	0.951 296	9.997 299	1	617	
384	9.046 071	68	9.048 773	69	0.951 227	9.997 299	0	616	
385	9.046 139	68	9.048 841	68	0.951 159	9.997 298	1	615	
386	9.046 207	67	9.048 910	69	0.951 090	9.997 297	1	614	
387	9.046 274	68	9.048 978	68	0.951 022	9.997 296	1	613	
388	9.046 342	68	9.049 047	69	0.950 953	9.997 295	1	612	
389	9.046 410	68	9.049 116	69	0.950 884	9.997 294	1	611	
.390	9.046 478	67	9.049 184	68	0.950 816	9.997 293	1	.610	
391	9.046 545	68	9.049 253	69	0.950 747	9.997 293	0	609	
392	9.046 613	68	9.049 321	68	0.950 679	9.997 292	1	608	
393	9.046 681	67	9.049 390	69	0.950 610	9.997 291	1	607	
394	9.046 748	68	9.049 458	68	0.950 542	9.997 290	1	606	
395	9.046 816	67	9.049 527	69	0.950 473	9.997 289	1	605	
396	9.046 883	68	9.049 595	68	0.950 405	9.997 288	1	604	
397	9.046 951	68	9.049 664	69	0.950 336	9.997 288	0	603	
398	9.047 019	67	9.049 732	68	0.950 268	9.997 287	1	602	
399	9.047 086	68	9.049 800	68	0.950 200	9.997 286	1	601	
.400	9.047 154		9.049 869	69	0.950 131	9.997 285	1	.600	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

	69
1	6.9
2	13.8
3	20.7
4	27.6
5	34.5
6	41.4
7	48.3
8	55.2
9	62.1

	68
1	6.8
2	13.6
3	20.4
4	27.2
5	34.0
6	40.8
7	47.6
8	54.4
9	61.2

	67
1	6.7
2	13.4
3	20.1
4	26.8
5	33.5
6	40.2
7	46.9
8	53.6
9	60.3

83°.650 — 83°.600

$6^\circ.400 - 6^\circ.450$

6°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.047 154		9.049 869		0.950 131	9.997 285		**.600**	
		67		68			1		
401	9.047 221		9.049 937		0.950 063	9.997 284		599	
402	9.047 289	68	9.050 006	69	0.949 994	9.997 283	1	598	
403	9.047 357	68	9.050 074	68	0.949 926	9.997 282	1	597	
		67		68			0		
404	9.047 424		9.050 142		0.949 858	9.997 282		596	
405	9.047 492	68	9.050 211	69	0.949 789	9.997 281	1	595	
406	9.047 559	67	9.050 279	68	0.949 721	9.997 280	1	594	
		68		69			1		
407	9.047 627		9.050 348		0.949 652	9.997 279		593	
408	9.047 694	67	9.050 416	68	0.949 584	9.997 278	1	592	
409	9.047 762	68	9.050 484	68	0.949 516	9.997 277	1	591	
		67		69			1		
.410	9.047 829		9.050 553		0.949 447	9.997 276		**.590**	
		68		68			0		
411	9.047 897		9.050 621		0.949 379	9.997 276		589	
412	9.047 964	67	9.050 689	68	0.949 311	9.997 275	1	588	
413	9.048 031	67	9.050 758	69	0.949 242	9.997 274	1	587	
		68		68			1		
414	9.048 099		9.050 826		0.949 174	9.997 273		586	
415	9.048 166	67	9.050 894	68	0.949 106	9.997 272	1	585	
416	9.048 234	68	9.050 962	68	0.949 038	9.997 271	1	584	
		67		69			1		
417	9.048 301		9.051 031		0.948 969	9.997 270		583	
418	9.048 368	67	9.051 099	68	0.948 901	9.997 270	0	582	
419	9.048 436	68	9.051 167	68	0.948 833	9.997 269	1	581	
		67		68			1		
.420	9.048 503		9.051 235		0.948 765	9.997 268		**.580**	
		68		69			1		
421	9.048 571		9.051 304		0.948 696	9.997 267		579	
422	9.048 638	67	9.051 372	68	0.948 628	9.997 266	1	578	
423	9.048 705	67	9.051 440	68	0.948 560	9.997 265	1	577	
		68		68			0		
424	9.048 773		9.051 508		0.948 492	9.997 265		576	
425	9.048 840	67	9.051 576	68	0.948 424	9.997 264	1	575	
426	9.048 907	67	9.051 644	68	0.948 356	9.997 263	1	574	
		68		69			1		
427	9.048 975		9.051 713		0.948 287	9.997 262		573	
428	9.049 042	67	9.051 781	68	0.948 219	9.997 261	1	572	
429	9.049 109	67	9.051 849	68	0.948 151	9.997 260	1	571	
		67		68			1		
.430	9.049 176		9.051 917		0.948 083	9.997 259		**.570**	
		68		68			0		
431	9.049 244		9.051 985		0.948 015	9.997 259		569	
432	9.049 311	67	9.052 053	68	0.947 947	9.997 258	1	568	
433	9.049 378	67	9.052 121	68	0.947 879	9.997 257	1	567	
		67		68			1		
434	9.049 445		9.052 189		0.947 811	9.997 256		566	
435	9.049 513	68	9.052 257	68	0.947 743	9.997 255	1	565	
436	9.049 580	67	9.052 325	68	0.947 675	9.997 254	1	564	
		67		68			1		
437	9.049 647		9.052 393		0.947 607	9.997 253		563	
438	9.049 714	67	9.052 462	69	0.947 538	9.997 253	0	562	
439	9.049 781	67	9.052 530	68	0.947 470	9.997 252	1	561	
		67		68			1		
.440	9.049 848		9.052 598		0.947 402	9.997 251		**.560**	
		68		68			1		
441	9.049 916		9.052 666		0.947 334	9.997 250		559	
442	9.049 983	67	9.052 734	68	0.947 266	9.997 249	1	558	
443	9.050 050	67	9.052 802	68	0.947 198	9.997 248	1	557	
		67		67			1		
444	9.050 117		9.052 869		0.947 131	9.997 247		556	
445	9.050 184	67	9.052 937	68	0.947 063	9.997 247	0	555	
446	9.050 251	67	9.053 005	68	0.946 995	9.997 246	1	554	
		67		68			1		
447	9.050 318		9.053 073		0.946 927	9.997 245		553	
448	9.050 385	67	9.053 141	68	0.946 859	9.997 244	1	552	
449	9.050 452	67	9.053 209	68	0.946 791	9.997 243	1	551	
		67		68			1		
.450	9.050 519		9.053 277		0.946 723	9.997 242		**.550**	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

	69
1	6.9
2	13.8
3	20.7
4	27.6
5	34.5
6	41.4
7	48.3
8	55.2
9	62.1

	68
1	6.8
2	13.6
3	20.4
4	27.2
5	34.0
6	40.8
7	47.6
8	54.4
9	61.2

	67
1	6.7
2	13.4
3	20.1
4	26.8
5	33.5
6	40.2
7	46.9
8	53.6
9	60.3

$83^\circ.600 - 83^\circ.550$

6°.450 — 6°.500

6°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.050 519		9.053 277		0.946 723	9.997 242		**.550**	
		67		68			1		
451	9.050 586		9.053 345		0.946 655	9.997 241		549	
452	9.050 653	67	9.053 413	68	0.946 587	9.997 241	0	548	
453	9.050 720	67	9.053 481	68	0.946 519	9.997 240	1	547	
		68		68			1		
454	9.050 788		9.053 549		0.946 451	9.997 239		546	
455	9.050 855	67	9.053 617	68	0.946 383	9.997 238	1	545	
456	9.050 922	67	9.053 684	67	0.946 316	9.997 237	1	544	
		66		68			1		
457	9.050 988		9.053 752		0.946 248	9.997 236		543	
458	9.051 055	67	9.053 820	68	0.946 180	9.997 235	1	542	
459	9.051 122	67	9.053 888	68	0.946 112	9.997 235	0	541	
		67		68			1		
.460	9.051 189		9.053 956		0.946 044	9.997 234		**.540**	
		67		67			1		
461	9.051 256		9.054 023		0.945 977	9.997 233		539	
462	9.051 323	67	9.054 091	68	0.945 909	9.997 232	1	538	
463	9.051 390	67	9.054 159	68	0.945 841	9.997 231	1	537	
		67		68			1		
464	9.051 457		9.054 227		0.945 773	9.997 230		536	
465	9.051 524	67	9.054 295	68	0.945 705	9.997 229	1	535	
466	9.051 591	67	9.054 362	67	0.945 638	9.997 229	0	534	
		67		68			1		
467	9.051 658		9.054 430		0.945 570	9.997 228		533	
468	9.051 725	67	9.054 498	68	0.945 502	9.997 227	1	532	
469	9.051 791	66	9.054 565	67	0.945 435	9.997 226	1	531	
		67		68			1		
.470	9.051 858		9.054 633		0.945 367	9.997 225		**.530**	
		67		68			1		
471	9.051 925		9.054 701		0.945 299	9.997 224		529	
472	9.051 992	67	9.054 769	68	0.945 231	9.997 223	1	528	
473	9.052 059	67	9.054 836	67	0.945 164	9.997 223	0	527	
		67		68			1		
474	9.052 126		9.054 904		0.945 096	9.997 222		526	
475	9.052 192	66	9.054 972	68	0.945 028	9.997 221	1	525	
476	9.052 259	67	9.055 039	67	0.944 961	9.997 220	1	524	
		67		68			1		
477	9.052 326		9.055 107		0.944 893	9.997 219		523	
478	9.052 393	67	9.055 174	67	0.944 826	9.997 218	1	522	
479	9.052 459	66	9.055 242	68	0.944 758	9.997 217	1	521	
		67		68			0		
.480	9.052 526		9.055 310		0.944 690	9.997 217		**.520**	
		67		67			1		
481	9.052 593		9.055 377		0.944 623	9.997 216		519	
482	9.052 660	67	9.055 445	68	0.944 555	9.997 215	1	518	
483	9.052 726	66	9.055 512	67	0.944 488	9.997 214	1	517	
		67		68			1		
484	9.052 793		9.055 580		0.944 420	9.997 213		516	
485	9.052 860	67	9.055 647	67	0.944 353	9.997 212	1	515	
486	9.052 926	66	9.055 715	68	0.944 285	9.997 211	1	514	
		67		68			1		
487	9.052 993		9.055 783		0.944 217	9.997 210		513	
488	9.053 060	67	9.055 850	67	0.944 150	9.997 210	0	512	
489	9.053 126	66	9.055 918	68	0.944 082	9.997 209	1	511	
		67		67			1		
.490	9.053 193		9.055 985		0.944 015	9.997 208		**.510**	
		67		68			1		
491	9.053 260		9.056 053		0.943 947	9.997 207		509	
492	9.053 326	66	9.056 120	67	0.943 880	9.997 206	1	508	
493	9.053 393	67	9.056 187	67	0.943 813	9.997 205	1	507	
		66		68			1		
494	9.053 459		9.056 255		0.943 745	9.997 204		506	
495	9.053 526	67	9.056 322	67	0.943 678	9.997 204	0	505	
496	9.053 593	67	9.056 390	68	0.943 610	9.997 203	1	504	
		66		67			1		
497	9.053 659		9.056 457		0.943 543	9.997 202		503	
498	9.053 726	67	9.056 525	68	0.943 475	9.997 201	1	502	
499	9.053 792	66	9.056 592	67	0.943 408	9.997 200	1	501	
		67		67			1		
.500	9.053 859		9.056 659		0.943 341	9.997 199		**.500**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	68
1	6.8
2	13.6
3	20.4
4	27.2
5	34.0
6	40.8
7	47.6
8	54.4
9	61.2

	67
1	6.7
2	13.4
3	20.1
4	26.8
5	33.5
6	40.2
7	46.9
8	53.6
9	60.3

	66
1	6.6
2	13.2
3	19.8
4	26.4
5	33.0
6	39.6
7	46.2
8	52.8
9	59.4

83°.550 — 83°.500

$6^\circ.500 - 6^\circ.550$

6°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.053 859		9.056 659		0.943 341	9.997 199		**.500**	
		66		68			1		
501	9.053 925		9.056 727		0.943 273	9.997 198		499	
502	9.053 992	67	9.056 794	67	0.943 206	9.997 198	0	498	
503	9.054 058	66	9.056 862	68	0.943 138	9.997 197	1	497	
		67		67			1		
504	9.054 125		9.056 929		0.943 071	9.997 196		496	
505	9.054 191	66	9.056 996	67	0.943 004	9.997 195	1	495	
506	9.054 258	67	9.057 064	68	0.942 936	9.997 194	1	494	
		66		67			1		
507	9.054 324		9.057 131		0.942 869	9.997 193		493	
508	9.054 391	67	9.057 198	67	0.942 802	9.997 192	1	492	
509	9.054 457	66	9.057 266	68	0.942 734	9.997 192	0	491	
		67		67			1		
.510	9.054 524		9.057 333		0.942 667	9.997 191		**.490**	
		66		67			1		
511	9.054 590		9.057 400		0.942 600	9.997 190		489	
512	9.054 656	66	9.057 467	67	0.942 533	9.997 189	1	488	
513	9.054 723	67	9.057 535	68	0.942 465	9.997 188	1	487	
		66		67			1		
514	9.054 789		9.057 602		0.942 398	9.997 187		486	
515	9.054 856	67	9.057 669	67	0.942 331	9.997 186	1	485	
516	9.054 922	66	9.057 736	67	0.942 264	9.997 185	1	484	
		66		68			0		
517	9.054 988		9.057 804		0.942 196	9.997 185		483	
518	9.055 055	67	9.057 871	67	0.942 129	9.997 184	1	482	
519	9.055 121	66	9.057 938	67	0.942 062	9.997 183	1	481	
		66		67			1		
.520	9.055 187		9.058 005		0.941 995	9.997 182		**.480**	
		67		67			1		
521	9.055 254		9.058 072		0.941 928	9.997 181		479	
522	9.055 320	66	9.058 140	68	0.941 860	9.997 180	1	478	
523	9.055 386	66	9.058 207	67	0.941 793	9.997 179	1	477	
		66		67			0		
524	9.055 452		9.058 274		0.941 726	9.997 179		476	
525	9.055 519	67	9.058 341	67	0.941 659	9.997 178	1	475	
526	9.055 585	66	9.058 408	67	0.941 592	9.997 177	1	474	
		66		67			1		
527	9.055 651		9.058 475		0.941 525	9.997 176		473	
528	9.055 717	66	9.058 542	67	0.941 458	9.997 175	1	472	
529	9.055 784	67	9.058 610	68	0.941 390	9.997 174	1	471	
		66		67			1		
.530	9.055 850		9.058 677		0.941 323	9.997 173		**.470**	
		66		67			1		
531	9.055 916		9.058 744		0.941 256	9.997 172		469	
532	9.055 982	66	9.058 811	67	0.941 189	9.997 172	0	468	
533	9.056 049	67	9.058 878	67	0.941 122	9.997 171	1	467	
		66		67			1		
534	9.056 115		9.058 945		0.941 055	9.997 170		466	
535	9.056 181	66	9.059 012	67	0.940 988	9.997 169	1	465	
536	9.056 247	66	9.059 079	67	0.940 921	9.997 168	1	464	
		66		67			1		
537	9.056 313		9.059 146		0.940 854	9.997 167		463	
538	9.056 379	66	9.059 213	67	0.940 787	9.997 166	1	462	
539	9.056 446	67	9.059 280	67	0.940 720	9.997 165	1	461	
		66		67			0		
.540	9.056 512		9.059 347		0.940 653	9.997 165		**.460**	
		66		67			1		
541	9.056 578		9.059 414		0.940 586	9.997 164		459	
542	9.056 644	66	9.059 481	67	0.940 519	9.997 163	1	458	
543	9.056 710	66	9.059 548	67	0.940 452	9.997 162	1	457	
		66		67			1		
544	9.056 776		9.059 615		0.940 385	9.997 161		456	
545	9.056 842	66	9.059 682	67	0.940 318	9.997 160	1	455	
546	9.056 908	66	9.059 749	67	0.940 251	9.997 159	1	454	
		66		67			0		
547	9.056 974		9.059 816		0.940 184	9.997 159		453	
548	9.057 040	66	9.059 883	67	0.940 117	9.997 158	1	452	
549	9.057 106	66	9.059 949	66	0.940 051	9.997 157	1	451	
		66		67			1		
.550	9.057 172		9.060 016		0.939 984	9.997 156		**.450**	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

	68
1	6.8
2	13.6
3	20.4
4	27.2
5	34.0
6	40.8
7	47.6
8	54.4
9	61.2

	67
1	6.7
2	13.4
3	20.1
4	26.8
5	33.5
6	40.2
7	46.9
8	53.6
9	60.3

	66
1	6.6
2	13.2
3	19.8
4	26.4
5	33.0
6	39.6
7	46.2
8	52.8
9	59.4

$83^\circ.500 - 83^\circ.450$

6°.550 — 6°.600

6°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.057 172		9.060 016		0.939 984	9.997 156		**.450**	
		66		67			1		
551	9.057 238		9.060 083		0.939 917	9.997 155		449	
552	9.057 304	66	9.060 150	67	0.939 850	9.997 154	1	448	
553	9.057 370	66	9.060 217	67	0.939 783	9.997 153	1	447	
		66		67			1		
554	9.057 436		9.060 284		0.939 716	9.997 152		446	
555	9.057 502	66	9.060 351	67	0.939 649	9.997 152	0	445	
556	9.057 568	66	9.060 418	67	0.939 582	9.997 151	1	444	
		66		66			1		
557	9.057 634		9.060 484		0.939 516	9.997 150		443	
558	9.057 700	66	9.060 551	67	0.939 449	9.997 149	1	442	
559	9.057 766	66	9.060 618	67	0.939 382	9.997 148	1	441	
		66		67			1		
.560	9.057 832		9.060 685		0.939 315	9.997 147		**.440**	
		66		67			1		
561	9.057 898		9.060 752		0.939 248	9.997 146		439	
562	9.057 964	66	9.060 818	66	0.939 182	9.997 145	1	438	
563	9.058 030	66	9.060 885	67	0.939 115	9.997 145	0	437	
		66		67			1		
564	9.058 096		9.060 952		0.939 048	9.997 144		436	
565	9.058 161	65	9.061 019	67	0.938 981	9.997 143	1	435	
566	9.058 227	66	9.061 085	66	0.938 915	9.997 142	1	434	
		66		67			1		
567	9.058 293		9.061 152		0.938 848	9.997 141		433	
568	9.058 359	66	9.061 219	67	0.938 781	9.997 140	1	432	
569	9.058 425	66	9.061 285	66	0.938 715	9.997 139	1	431	
		66		67			1		
.570	9.058 491		9.061 352		0.938 648	9.997 138		**.430**	
		65		67			0		
571	9.058 556		9.061 419		0.938 581	9.997 138		429	
572	9.058 622	66	9.061 485	66	0.938 515	9.997 137	1	428	
573	9.058 688	66	9.061 552	67	0.938 448	9.997 136	1	427	
		66		67			1		
574	9.058 754		9.061 619		0.938 381	9.997 135		426	
575	9.058 820	66	9.061 685	66	0.938 315	9.997 134	1	425	
576	9.058 885	65	9.061 752	67	0.938 248	9.997 133	1	424	
		66		67			1		
577	9.058 951		9.061 819		0.938 181	9.997 132		423	
578	9.059 017	66	9.061 885	66	0.938 115	9.997 132	0	422	
579	9.059 082	65	9.061 952	67	0.938 048	9.997 131	1	421	
		66		66			1		
.580	9.059 148		9.062 018		0.937 982	9.997 130		**.420**	
		66		67			1		
581	9.059 214		9.062 085		0.937 915	9.997 129		419	
582	9.059 280	66	9.062 152	67	0.937 848	9.997 128	1	418	
583	9.059 345	65	9.062 218	66	0.937 782	9.997 127	1	417	
		66		67			1		
584	9.059 411		9.062 285		0.937 715	9.997 126		416	
585	9.059 477	66	9.062 351	66	0.937 649	9.997 125	1	415	
586	9.059 542	65	9.062 418	67	0.937 582	9.997 125	0	414	
		66		66			1		
587	9.059 608		9.062 484		0.937 516	9.997 124		413	
588	9.059 674	66	9.062 551	67	0.937 449	9.997 123	1	412	
589	9.059 739	65	9.062 617	66	0.937 383	9.997 122	1	411	
		66		67			1		
.590	9.059 805		9.062 684		0.937 316	9.997 121		**.410**	
		65		66			1		
591	9.059 870		9.062 750		0.937 250	9.997 120		409	
592	9.059 936	66	9.062 817	67	0.937 183	9.997 119	1	408	
593	9.060 002	66	9.062 883	66	0.937 117	9.997 118	1	407	
		65		67			0		
594	9.060 067		9.062 950		0.937 050	9.997 118		406	
595	9.060 133	66	9.063 016	66	0.936 984	9.997 117	1	405	
596	9.060 198	65	9.063 083	67	0.936 917	9.997 116	1	404	
		66		66			1		
597	9.060 264		9.063 149		0.936 851	9.997 115		403	
598	9.060 329	65	9.063 215	66	0.936 785	9.997 114	1	402	
599	9.060 395	66	9.063 282	67	0.936 718	9.997 113	1	401	
		65		66			1		
.600	9.060 460		9.063 348		0.936 652	9.997 112		**.400**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	67
1	6.7
2	13.4
3	20.1
4	26.8
5	33.5
6	40.2
7	46.9
8	53.6
9	60.3

	66
1	6.6
2	13.2
3	19.8
4	26.4
5	33.0
6	39.6
7	46.2
8	52.8
9	59.4

	65
1	6.5
2	13.0
3	19.5
4	26.0
5	32.5
6	39.0
7	45.5
8	52.0
9	58.5

83°.450 — 83°.400

6°.600 — 6°.650

6°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.060 460		9.063 348		0.936 652	9.997 112		**.400**	
		66		67			1		
601	9.060 526		9.063 415		0.936 585	9.997 111		399	
602	9.060 591	65	9.063 481	66	0.936 519	9.997 110	1	398	
603	9.060 657	66	9.063 547	66	0.936 453	9.997 110	0	397	
		65		67			1		
604	9.060 722		9.063 614	66	0.936 386	9.997 109		396	
605	9.060 788	66	9.063 680	66	0.936 320	9.997 108	1	395	
606	9.060 853	65	9.063 746	66	0.936 254	9.997 107	1	394	
		66		67			1		
607	9.060 919		9.063 813	66	0.936 187	9.997 106		393	
608	9.060 984	65	9.063 879	66	0.936 121	9.997 105	1	392	
609	9.061 050	66	9.063 945	66	0.936 055	9.997 104	1	391	
		65		67			1		
.610	9.061 115		9.064 012	66	0.935 988	9.997 103		**.390**	
		65					0		
611	9.061 180		9.064 078	66	0.935 922	9.997 103		389	
612	9.061 246	66	9.064 144	66	0.935 856	9.997 102	1	388	
613	9.061 311	65	9.064 210	66	0.935 790	9.997 101	1	387	
		66		67			1		
614	9.061 377		9.064 277	66	0.935 723	9.997 100		386	
615	9.061 442	65	9.064 343	66	0.935 657	9.997 099	1	385	
616	9.061 507	65	9.064 409	66	0.935 591	9.997 098	1	384	
		66		66			1		
617	9.061 573		9.064 475	66	0.935 525	9.997 097		383	
618	9.061 638	65	9.064 542	67	0.935 458	9.997 096	1	382	
619	9.061 703	65	9.064 608	66	0.935 392	9.997 096	0	381	
		66		66			1		
.620	9.061 769		9.064 674	66	0.935 326	9.997 095		**.380**	
		65					1		
621	9.061 834		9.064 740	66	0.935 260	9.997 094		379	
622	9.061 899	65	9.064 806	66	0.935 194	9.997 093	1	378	
623	9.061 965	66	9.064 872	66	0.935 128	9.997 092	1	377	
		65		67			1		
624	9.062 030		9.064 939	66	0.935 061	9.997 091		376	
625	9.062 095	65	9.065 005	66	0.934 995	9.997 090	1	375	
626	9.062 160	65	9.065 071	66	0.934 929	9.997 089	1	374	
		66		66			0		
627	9.062 226		9.065 137	66	0.934 863	9.997 089		373	
628	9.062 291	65	9.065 203	66	0.934 797	9.997 088	1	372	
629	9.062 356	65	9.065 269	66	0.934 731	9.997 087	1	371	
		65		66			1		
.630	9.062 421		9.065 335	66	0.934 665	9.997 086		**.370**	
		65					1		
631	9.062 486		9.065 401	67	0.934 599	9.997 085		369	
632	9.062 552	66	9.065 468	66	0.934 532	9.997 084	1	368	
633	9.062 617	65	9.065 534	66	0.934 466	9.997 083	1	367	
		65		66			1		
634	9.062 682		9.065 600	66	0.934 400	9.997 082		366	
635	9.062 747	65	9.065 666	66	0.934 334	9.997 081	1	365	
636	9.062 812	65	9.065 732	66	0.934 268	9.997 081	0	364	
		65		66			1		
637	9.062 877		9.065 798	66	0.934 202	9.997 080		363	
638	9.062 943	66	9.065 864	66	0.934 136	9.997 079	1	362	
639	9.063 008	65	9.065 930	66	0.934 070	9.997 078	1	361	
		65		66			1		
.640	9.063 073		9.065 996	66	0.934 004	9.997 077		**.360**	
		65					1		
641	9.063 138		9.066 062	66	0.933 938	9.997 076		359	
642	9.063 203	65	9.066 128	66	0.933 872	9.997 075	1	358	
643	9.063 268	65	9.066 194	66	0.933 806	9.997 074	1	357	
		65		66			0		
644	9.063 333		9.066 260	66	0.933 740	9.997 074		356	
645	9.063 398	65	9.066 326	66	0.933 674	9.997 073	1	355	
646	9.063 463	65	9.066 392	66	0.933 608	9.997 072	1	354	
		65		66			1		
647	9.063 528		9.066 458	65	0.933 542	9.997 071		353	
648	9.063 593	65	9.066 523	66	0.933 477	9.997 070	1	352	
649	9.063 658	65	9.066 589	66	0.933 411	9.997 069	1	351	
		66		66			1		
.650	9.063 724		9.066 655		0.933 345	9.997 068		**.350**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	67
1	6.7
2	13.4
3	20.1
4	26.8
5	33.5
6	40.2
7	46.9
8	53.6
9	60.3

	66
1	6.6
2	13.2
3	19.8
4	26.4
5	33.0
6	39.6
7	46.2
8	52.8
9	59.4

	65
1	6.5
2	13.0
3	19.5
4	26.0
5	32.5
6	39.0
7	45.5
8	52.0
9	58.5

83°.400 — 83°.350

6°.650 — 6°.700

6°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.063 724		9.066 655		0.933 345	9.997 068		**.350**	
		65		66			1		
651	9.063 789		9.066 721		0.933 279	9.997 067		349	
652	9.063 854	65	9.066 787	66	0.933 213	9.997 066	1	348	
653	9.063 919	65	9.066 853	66	0.933 147	9.997 066	0	347	
		64		66			1		
654	9.063 983		9.066 919		0.933 081	9.997 065		346	
655	9.064 048	65	9.066 985	66	0.933 015	9.997 064	1	345	
656	9.064 113	65	9.067 050	65	0.932 950	9.997 063	1	344	
		65		66			1		
657	9.064 178		9.067 116		0.932 884	9.997 062		343	
658	9.064 243	65	9.067 182	66	0.932 818	9.997 061	1	342	
659	9.064 308	65	9.067 248	66	0.932 752	9.997 060	1	341	
		65		66			1		
.660	9.064 373		9.067 314		0.932 686	9.997 059		**.340**	
		65		66			0		
661	9.064 438		9.067 380		0.932 620	9.997 059		339	
662	9.064 503	65	9.067 445	65	0.932 555	9.997 058	1	338	
663	9.064 568	65	9.067 511	66	0.932 489	9.997 057	1	337	
		65		66			1		
664	9.064 633		9.067 577		0.932 423	9.997 056		336	
665	9.064 698	65	9.067 643	66	0.932 357	9.997 055	1	335	
666	9.064 762	64	9.067 708	65	0.932 292	9.997 054	1	334	
		65		66			1		
667	9.064 827		9.067 774		0.932 226	9.997 053		333	
668	9.064 892	65	9.067 840	66	0.932 160	9.997 052	1	332	
669	9.064 957	65	9.067 906	66	0.932 094	9.997 051	1	331	
		65		65			0		
.670	9.065 022		9.067 971		0.932 029	9.997 051		**.330**	
		65		66			1		
671	9.065 087		9.068 037		0.931 963	9.997 050		329	
672	9.065 151	64	9.068 103	66	0.931 897	9.997 049	1	328	
673	9.065 216	65	9.068 168	65	0.931 832	9.997 048	1	327	
		65		66			1		
674	9.065 281		9.068 234		0.931 766	9.997 047		326	
675	9.065 346	65	9.068 300	66	0.931 700	9.997 046	1	325	
676	9.065 411	65	9.068 365	65	0.931 635	9.997 045	1	324	
		64		66			1		
677	9.065 475		9.068 431		0.931 569	9.997 044		323	
678	9.065 540	65	9.068 497	66	0.931 503	9.997 043	1	322	
679	9.065 605	65	9.068 562	65	0.931 438	9.997 043	0	321	
		65		66			1		
.680	9.065 670		9.068 628		0.931 372	9.997 042		**.320**	
		64		65			1		
681	9.065 734		9.068 693		0.931 307	9.997 041		319	
682	9.065 799	65	9.068 759	66	0.931 241	9.997 040	1	318	
683	9.065 864	65	9.068 825	66	0.931 175	9.997 039	1	317	
		64		65			1		
684	9.065 928		9.068 890		0.931 110	9.997 038		316	
685	9.065 993	65	9.068 956	66	0.931 044	9.997 037	1	315	
686	9.066 058	65	9.069 021	65	0.930 979	9.997 036	1	314	
		64		66			1		
687	9.066 122		9.069 087		0.930 913	9.997 035		313	
688	9.066 187	65	9.069 152	65	0.930 848	9.997 035	0	312	
689	9.066 252	65	9.069 218	66	0.930 782	9.997 034	1	311	
		64		65			1		
.690	9.066 316		9.069 283		0.930 717	9.997 033		**.310**	
		65		66			1		
691	9.066 381		9.069 349		0.930 651	9.997 032		309	
692	9.066 445	64	9.069 414	65	0.930 586	9.997 031	1	308	
693	9.066 510	65	9.069 480	66	0.930 520	9.997 030	1	307	
		65		65			1		
694	9.066 575		9.069 545		0.930 455	9.997 029		306	
695	9.066 639	64	9.069 611	66	0.930 389	9.997 028	1	305	
696	9.066 704	65	9.069 676	65	0.930 324	9.997 027	1	304	
		64		66			0		
697	9.066 768		9.069 742		0.930 258	9.997 027		303	
698	9.066 833	65	9.069 807	65	0.930 193	9.997 026	1	302	
699	9.066 897	64	9.069 873	66	0.930 127	9.997 025	1	301	
		65		65			1		
.700	9.066 962		9.069 938		0.930 062	9.997 024		**.300**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	66
1	6.6
2	13.2
3	19.8
4	26.4
5	33.0
6	39.6
7	46.2
8	52.8
9	59.4

	65
1	6.5
2	13.0
3	19.5
4	26.0
5	32.5
6	39.0
7	45.5
8	52.0
9	58.5

	64
1	6.4
2	12.8
3	19.2
4	25.6
5	32.0
6	38.4
7	44.8
8	51.2
9	57.6

83°.350 — 83°.300

6°.700 — 6°.750

6°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.066 962	64	9.069 938	65	0.930 062	9.997 024	1	**.300**	
701	9.067 026	65	9.070 003	66	0.929 997	9.997 023	1	299	
702	9.067 091	64	9.070 069	65	0.929 931	9.997 022	1	298	
703	9.067 155	65	9.070 134	66	0.929 866	9.997 021	1	297	
704	9.067 220	64	9.070 200	65	0.929 800	9.997 020	1	296	
705	9.067 284	65	9.070 265	65	0.929 735	9.997 019	0	295	
706	9.067 349	64	9.070 330	66	0.929 670	9.997 019	1	294	
707	9.067 413	65	9.070 396	65	0.929 604	9.997 018	1	293	
708	9.067 478	64	9.070 461	65	0.929 539	9.997 017	1	292	
709	9.067 542	65	9.070 526	66	0.929 474	9.997 016	1	291	
.710	9.067 607	64	9.070 592	65	0.929 408	9.997 015	1	**.290**	
711	9.067 671	65	9.070 657	65	0.929 343	9.997 014	1	289	
712	9.067 736	64	9.070 722	66	0.929 278	9.997 013	1	288	
713	9.067 800	64	9.070 788	65	0.929 212	9.997 012	1	287	
714	9.067 864	65	9.070 853	65	0.929 147	9.997 011	0	286	
715	9.067 929	64	9.070 918	65	0.929 082	9.997 011	1	285	
716	9.067 993	64	9.070 983	66	0.929 017	9.997 010	1	284	
717	9.068 057	65	9.071 049	65	0.928 951	9.997 009	1	283	
718	9.068 122	64	9.071 114	65	0.928 886	9.997 008	1	282	
719	9.068 186	64	9.071 179	65	0.928 821	9.997 007	1	281	
.720	9.068 250	65	9.071 244	66	0.928 756	9.997 006	1	**.280**	
721	9.068 315	64	9.071 310	65	0.928 690	9.997 005	1	279	
722	9.068 379	64	9.071 375	65	0.928 625	9.997 004	1	278	
723	9.068 443	65	9.071 440	65	0.928 560	9.997 003	1	277	
724	9.068 508	64	9.071 505	65	0.928 495	9.997 002	0	276	
725	9.068 572	64	9.071 570	66	0.928 430	9.997 002	1	275	
726	9.068 636	65	9.071 636	65	0.928 364	9.997 001	1	274	
727	9.068 701	64	9.071 701	65	0.928 299	9.997 000	1	273	
728	9.068 765	64	9.071 766	65	0.928 234	9.996 999	1	272	
729	9.068 829	64	9.071 831	65	0.928 169	9.996 998	1	271	
.730	9.068 893	65	9.071 896	65	0.928 104	9.996 997	1	**.270**	
731	9.068 958	64	9.071 961	65	0.928 039	9.996 996	1	269	
732	9.069 022	64	9.072 026	66	0.927 974	9.996 995	1	268	
733	9.069 086	64	9.072 092	65	0.927 908	9.996 994	0	267	
734	9.069 150	64	9.072 157	65	0.927 843	9.996 994	1	266	
735	9.069 214	65	9.072 222	65	0.927 778	9.996 993	1	265	
736	9.069 279	64	9.072 287	65	0.927 713	9.996 992	1	264	
737	9.069 343	64	9.072 352	65	0.927 648	9.996 991	1	263	
738	9.069 407	64	9.072 417	65	0.927 583	9.996 990	1	262	
739	9.069 471	64	9.072 482	65	0.927 518	9.996 989	1	261	
.740	9.069 535	64	9.072 547	65	0.927 453	9.996 988	1	**.260**	
741	9.069 599	64	9.072 612	65	0.927 388	9.996 987	1	259	
742	9.069 663	65	9.072 677	65	0.927 323	9.996 986	1	258	
743	9.069 728	64	9.072 742	65	0.927 258	9.996 985	0	257	
744	9.069 792	64	9.072 807	65	0.927 193	9.996 985	1	256	
745	9.069 856	64	9.072 872	65	0.927 128	9.996 984	1	255	
746	9.069 920	64	9.072 937	65	0.927 063	9.996 983	1	254	
747	9.069 984	64	9.073 002	65	0.926 998	9.996 982	1	253	
748	9.070 048	64	9.073 067	65	0.926 933	9.996 981	1	252	
749	9.070 112	64	9.073 132	65	0.926 868	9.996 980	1	251	
.750	9.070 176		9.073 197		0.926 803	9.996 979		**.250**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	66
1	6.6
2	13.2
3	19.8
4	26.4
5	33.0
6	39.6
7	46.2
8	52.8
9	59.4

	65
1	6.5
2	13.0
3	19.5
4	26.0
5	32.5
6	39.0
7	45.5
8	52.0
9	58.5

	64
1	6.4
2	12.8
3	19.2
4	25.6
5	32.0
6	38.4
7	44.8
8	51.2
9	57.6

83°.300 — 83°.250

6°.750 — 6°.800

6°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.070 176		9.073 197		0.926 803	9.996 979		**.250**	
		64		65			1		
751	9.070 240		9.073 262		0.926 738	9.996 978		249	
		64		65			1		
752	9.070 304		9.073 327		0.926 673	9.996 977		248	
		64		65			1		
753	9.070 368		9.073 392		0.926 608	9.996 976		247	
		64		65			0		
754	9.070 432		9.073 457		0.926 543	9.996 976		246	
		64		64			1		
755	9.070 496		9.073 521		0.926 479	9.996 975		245	
		64		65			1		
756	9.070 560		9.073 586		0.926 414	9.996 974		244	
		64		65			1		
757	9.070 624		9.073 651		0.926 349	9.996 973		243	
		64		65			1		
758	9.070 688		9.073 716		0.926 284	9.996 972		242	
		64		65			1		
759	9.070 752		9.073 781		0.926 219	9.996 971		241	
		64		65			1		
.760	9.070 816		9.073 846		0.926 154	9.996 970		**.240**	
		64		65			1		
761	9.070 880		9.073 911		0.926 089	9.996 969		239	
		64		64			1		
762	9.070 944		9.073 975		0.926 025	9.996 968		238	
		64		65			0		
763	9.071 008		9.074 040		0.925 960	9.996 968		237	
		64		65			1		
764	9.071 072		9.074 105		0.925 895	9.996 967		236	
		64		65			1		
765	9.071 136		9.074 170		0.925 830	9.996 966		235	
		64		65			1		
766	9.071 200		9.074 235		0.925 765	9.996 965		234	
		63		64			1		
767	9.071 263		9.074 299		0.925 701	9.996 964		233	
		64		65			1		
768	9.071 327		9.074 364		0.925 636	9.996 963		232	
		64		65			1		
769	9.071 391		9.074 429		0.925 571	9.996 962		231	
		64		65			1		
.770	9.071 455		9.074 494		0.925 506	9.996 961		**.230**	
		64		65			1		
771	9.071 519		9.074 559		0.925 441	9.996 960		229	
		64		64			1		
772	9.071 583		9.074 623		0.925 377	9.996 959		228	
		64		65			0		
773	9.071 647		9.074 688		0.925 312	9.996 959		227	
		63		65			1		
774	9.071 710		9.074 753		0.925 247	9.996 958		226	
		64		64			1		
775	9.071 774		9.074 817		0.925 183	9.996 957		225	
		64		65			1		
776	9.071 838		9.074 882		0.925 118	9.996 956		224	
		64		65			1		
777	9.071 902		9.074 947		0.925 053	9.996 955		223	
		64		64			1		
778	9.071 966		9.075 011		0.924 989	9.996 954		222	
		63		65			1		
779	9.072 029		9.075 076		0.924 924	9.996 953		221	
		64		65			1		
.780	9.072 093		9.075 141		0.924 859	9.996 952		**.220**	
		64		64			1		
781	9.072 157		9.075 205		0.924 795	9.996 951		219	
		64		65			1		
782	9.072 221		9.075 270		0.924 730	9.996 950		218	
		63		65			0		
783	9.072 284		9.075 335		0.924 665	9.996 950		217	
		64		64			1		
784	9.072 348		9.075 399		0.924 601	9.996 949		216	
		64		65			1		
785	9.072 412		9.075 464		0.924 536	9.996 948		215	
		63		65			1		
786	9.072 475		9.075 529		0.924 471	9.996 947		214	
		64		64			1		
787	9.072 539		9.075 593		0.924 407	9.996 946		213	
		64		65			1		
788	9.072 603		9.075 658		0.924 342	9.996 945		212	
		63		64			1		
789	9.072 666		9.075 722		0.924 278	9.996 944		211	
		64		65			1		
.790	9.072 730		9.075 787		0.924 213	9.996 943		**.210**	
		64		64			1		
791	9.072 794		9.075 851		0.924 149	9.996 942		209	
		63		65			1		
792	9.072 857		9.075 916		0.924 084	9.996 941		208	
		64		65			1		
793	9.072 921		9.075 981		0.924 019	9.996 940		207	
		64		64			0		
794	9.072 985		9.076 045		0.923 955	9.996 940		206	
		63		65			1		
795	9.073 048		9.076 110		0.923 890	9.996 939		205	
		64		64			1		
796	9.073 112		9.076 174		0.923 826	9.996 938		204	
		64		65			1		
797	9.073 176		9.076 239		0.923 761	9.996 937		203	
		63		64			1		
798	9.073 239		9.076 303		0.923 697	9.996 936		202	
		64		65			1		
799	9.073 303		9.076 368		0.923 632	9.996 935		201	
		63		64			1		
.800	9.073 366		9.076 432		0.923 568	9.996 934		**.200**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	65
1	6.5
2	13.0
3	19.5
4	26.0
5	32.5
6	39.0
7	45.5
8	52.0
9	58.5

	64
1	6.4
2	12.8
3	19.2
4	25.6
5	32.0
6	38.4
7	44.8
8	51.2
9	57.6

	63
1	6.3
2	12.6
3	18.9
4	25.2
5	31.5
6	37.8
7	44.1
8	50.4
9	56.7

83°.250 — 83°.200

6°.800 — 6°.850

6°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.073 366		9.076 432		0.923 568	9.996 934		**.200**	
		64		65			1		
801	9.073 430		9.076 497		0.923 503	9.996 933		199	
802	9.073 493	63	9.076 561	64	0.923 439	9.996 932	1	198	
803	9.073 557	64	9.076 625	64	0.923 375	9.996 931	1	197	
		63		65			0		
804	9.073 620		9.076 690		0.923 310	9.996 931		196	
805	9.073 684	64	9.076 754	64	0.923 246	9.996 930	1	195	
806	9.073 747	63	9.076 819	65	0.923 181	9.996 929	1	194	
		64		64			1		
807	9.073 811		9.076 883		0.923 117	9.996 928		193	
808	9.073 874	63	9.076 948	65	0.923 052	9.996 927	1	192	
809	9.073 938	64	9.077 012	64	0.922 988	9.996 926	1	191	
		63		64			1		
.810	9.074 001		9.077 076		0.922 924	9.996 925		**.190**	
		64		65			1		
811	9.074 065		9.077 141		0.922 859	9.996 924		189	
812	9.074 128	63	9.077 205	64	0.922 795	9.996 923	1	188	
813	9.074 192	64	9.077 269	64	0.922 731	9.996 922	1	187	
		63		65			1		
814	9.074 255		9.077 334		0.922 666	9.996 921		186	
815	9.074 319	64	9.077 398	64	0.922 602	9.996 921	0	185	
816	9.074 382	63	9.077 462	64	0.922 538	9.996 920	1	184	
		64		65			1		
817	9.074 446		9.077 527		0.922 473	9.996 919		183	
818	9.074 509	63	9.077 591	64	0.922 409	9.996 918	1	182	
819	9.074 572	63	9.077 655	64	0.922 345	9.996 917	1	181	
		64		65			1		
.820	9.074 636		9.077 720		0.922 280	9.996 916		**.180**	
		63		64			1		
821	9.074 699		9.077 784		0.922 216	9.996 915		179	
822	9.074 762	63	9.077 848	64	0.922 152	9.996 914	1	178	
823	9.074 826	64	9.077 912	64	0.922 088	9.996 913	1	177	
		63		65			1		
824	9.074 889		9.077 977		0.922 023	9.996 912		176	
825	9.074 952	63	9.078 041	64	0.921 959	9.996 912	0	175	
826	9.075 016	64	9.078 105	64	0.921 895	9.996 911	1	174	
		63		64			1		
827	9.075 079		9.078 169		0.921 831	9.996 910		173	
828	9.075 142	63	9.078 234	65	0.921 766	9.996 909	1	172	
829	9.075 206	64	9.078 298	64	0.921 702	9.996 908	1	171	
		63		64			1		
.830	9.075 269		9.078 362		0.921 638	9.996 907		**.170**	
		63		64			1		
831	9.075 332		9.078 426		0.921 574	9.996 906		169	
832	9.075 396	64	9.078 490	64	0.921 510	9.996 905	1	168	
833	9.075 459	63	9.078 555	65	0.921 445	9.996 904	1	167	
		63		64			1		
834	9.075 522		9.078 619		0.921 381	9.996 903		166	
835	9.075 585	63	9.078 683	64	0.921 317	9.996 902	1	165	
836	9.075 649	64	9.078 747	64	0.921 253	9.996 902	0	164	
		63		64			1		
837	9.075 712		9.078 811		0.921 189	9.996 901		163	
838	9.075 775	63	9.078 875	64	0.921 125	9.996 900	1	162	
839	9.075 838	63	9.078 939	64	0.921 061	9.996 899	1	161	
		63		65			1		
.840	9.075 901		9.079 004		0.920 996	9.996 898		**.160**	
		64		64			1		
841	9.075 965		9.079 068		0.920 932	9.996 897		159	
842	9.076 028	63	9.079 132	64	0.920 868	9.996 896	1	158	
843	9.076 091	63	9.079 196	64	0.920 804	9.996 895	1	157	
		63		64			1		
844	9.076 154		9.079 260		0.920 740	9.996 894		156	
845	9.076 217	63	9.079 324	64	0.920 676	9.996 893	1	155	
846	9.076 280	63	9.079 388	64	0.920 612	9.996 892	1	154	
		64		64			0		
847	9.076 344		9.079 452		0.920 548	9.996 892		153	
848	9.076 407	63	9.079 516	64	0.920 484	9.996 891	1	152	
849	9.076 470	63	9.079 580	64	0.920 420	9.996 890	1	151	
		63		64			1		
.850	9.076 533		9.079 644		0.920 356	9.996 889		**.150**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	65
1	6.5
2	13.0
3	19.5
4	26.0
5	32.5
6	39.0
7	45.5
8	52.0
9	58.5

	64
1	6.4
2	12.8
3	19.2
4	25.6
5	32.0
6	38.4
7	44.8
8	51.2
9	57.6

	63
1	6.3
2	12.6
3	18.9
4	25.2
5	31.5
6	37.8
7	44.1
8	50.4
9	56.7

83°.200 — 83°.150

6°.850 — 6°.900

6°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.076 533		9.079 644		0.920 356	9.996 889		**.150**	
		63		64			1		
851	9.076 596		9.079 708		0.920 292	9.996 888		149	
852	9.076 659	63	9.079 772	64	0.920 228	9.996 887	1	148	
853	9.076 722	63	9.079 836	64	0.920 164	9.996 886	1	147	
		63		64			1		
854	9.076 785		9.079 900		0.920 100	9.996 885		146	
855	9.076 848	63	9.079 964	64	0.920 036	9.996 884	1	145	
856	9.076 911	63	9.080 028	64	0.919 972	9.996 883	1	144	
		63		64			1		
857	9.076 974		9.080 092		0.919 908	9.996 882		143	
858	9.077 037	63	9.080 156	64	0.919 844	9.996 882	0	142	
859	9.077 100	63	9.080 220	64	0.919 780	9.996 881	1	141	
		63		64			1		
.860	9.077 163		9.080 284		0.919 716	9.996 880		**.140**	
		63		64			1		
861	9.077 226		9.080 348		0.919 652	9.996 879		139	
862	9.077 289	63	9.080 411	63	0.919 589	9.996 878	1	138	
863	9.077 352	63	9.080 475	64	0.919 525	9.996 877	1	137	
		63		64			1		
864	9.077 415		9.080 539		0.919 461	9.996 876		136	
865	9.077 478	63	9.080 603	64	0.919 397	9.996 875	1	135	
866	9.077 541	63	9.080 667	64	0.919 333	9.996 874	1	134	
		63		64			1		
867	9.077 604		9.080 731		0.919 269	9.996 873		133	
868	9.077 667	63	9.080 795	64	0.919 205	9.996 872	1	132	
869	9.077 730	63	9.080 859	64	0.919 141	9.996 871	1	131	
		63		63			0		
.870	9.077 793		9.080 922		0.919 078	9.996 871		**.130**	
		63		64			1		
871	9.077 856		9.080 986		0.919 014	9.996 870		129	
872	9.077 919	63	9.081 050	64	0.918 950	9.996 869	1	128	
873	9.077 982	63	9.081 114	64	0.918 886	9.996 868	1	127	
		63		64			1		
874	9.078 045		9.081 178		0.918 822	9.996 867		126	
875	9.078 107	62	9.081 241	63	0.918 759	9.996 866	1	125	
876	9.078 170	63	9.081 305	64	0.918 695	9.996 865	1	124	
		63		64			1		
877	9.078 233		9.081 369		0.918 631	9.996 864		123	
878	9.078 296	63	9.081 433	64	0.918 567	9.996 863	1	122	
879	9.078 359	63	9.081 496	63	0.918 504	9.996 862	1	121	
		63		64			1		
.880	9.078 422		9.081 560		0.918 440	9.996 861		**.120**	
		62		64			0		
881	9.078 484		9.081 624		0.918 376	9.996 861		119	
882	9.078 547	63	9.081 688	64	0.918 312	9.996 860	1	118	
883	9.078 610	63	9.081 751	63	0.918 249	9.996 859	1	117	
		63		64			1		
884	9.078 673		9.081 815		0.918 185	9.996 858		116	
885	9.078 736	63	9.081 879	64	0.918 121	9.996 857	1	115	
886	9.078 798	62	9.081 942	63	0.918 058	9.996 856	1	114	
		63		64			1		
887	9.078 861		9.082 006		0.917 994	9.996 855		113	
888	9.078 924	63	9.082 070	64	0.917 930	9.996 854	1	112	
889	9.078 987	63	9.082 133	63	0.917 867	9.996 853	1	111	
		62		64			1		
.890	9.079 049		9.082 197		0.917 803	9.996 852		**.110**	
		63		64			1		
891	9.079 112		9.082 261		0.917 739	9.996 851		109	
892	9.079 175	63	9.082 324	63	0.917 676	9.996 850	1	108	
893	9.079 238	63	9.082 388	64	0.917 612	9.996 850	0	107	
		62		64			1		
894	9.079 300		9.082 452		0.917 548	9.996 849		106	
895	9.079 363	63	9.082 515	63	0.917 485	9.996 848	1	105	
896	9.079 426	63	9.082 579	64	0.917 421	9.996 847	1	104	
		62		63			1		
897	9.079 488		9.082 642		0.917 358	9.996 846		103	
898	9.079 551	63	9.082 706	64	0.917 294	9.996 845	1	102	
899	9.079 614	63	9.082 770	64	0.917 230	9.996 844	1	101	
		62		63			1		
.900	9.079 676		9.082 833		0.917 167	9.996 843		**.100**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	64
1	6.4
2	12.8
3	19.2
4	25.6
5	32.0
6	38.4
7	44.8
8	51.2
9	57.6

	63
1	6.3
2	12.6
3	18.9
4	25.2
5	31.5
6	37.8
7	44.1
8	50.4
9	56.7

	62
1	6.2
2	12.4
3	18.6
4	24.8
5	31.0
6	37.2
7	43.4
8	49.6
9	55.8

83°.150 — 83°.100

6°.900 — 6°.950

6°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.079 676		9.082 833		0.917 167	9.996 843		.100	
		63		64			1		
901	9.079 739		9.082 897		0.917 103	9.996 842		099	
		62		63			1		
902	9.079 801		9.082 960		0.917 040	9.996 841		098	
		63		64			1		
903	9.079 864		9.083 024		0.916 976	9.996 840		097	
		63		63			1		
904	9.079 927		9.083 087		0.916 913	9.996 839		096	
		62		64			0		
905	9.079 989		9.083 151		0.916 849	9.996 839		095	
		63		63			1		
906	9.080 052		9.083 214		0.916 786	9.996 838		094	
		62		64			1		
907	9.080 114		9.083 278		0.916 722	9.996 837		093	
		63		63			1		
908	9.080 177		9.083 341		0.916 659	9.996 836		092	
		63		64			1		
909	9.080 240		9.083 405		0.916 595	9.996 835		091	
		62		63			1		
.910	9.080 302		9.083 468		0.916 532	9.996 834		.090	
		63		64			1		
911	9.080 365		9.083 532		0.916 468	9.996 833		089	
		62		63			1		
912	9.080 427		9.083 595		0.916 405	9.996 832		088	
		63		64			1		
913	9.080 490		9.083 659		0.916 341	9.996 831		087	
		62		63			1		
914	9.080 552		9.083 722		0.916 278	9.996 830		086	
		63		63			1		
915	9.080 615		9.083 785		0.916 215	9.996 829		085	
		62		64			1		
916	9.080 677		9.083 849		0.916 151	9.996 828		084	
		63		63			1		
917	9.080 740		9.083 912		0.916 088	9.996 827		083	
		62		64			0		
918	9.080 802		9.083 976		0.916 024	9.996 827		082	
		63		63			1		
919	9.080 865		9.084 039		0.915 961	9.996 826		081	
		62		63			1		
.920	9.080 927		9.084 102		0.915 898	9.996 825		.080	
		63		64			1		
921	9.080 990		9.084 166		0.915 834	9.996 824		079	
		62		63			1		
922	9.081 052		9.084 229		0.915 771	9.996 823		078	
		62		63			1		
923	9.081 114		9.084 292		0.915 708	9.996 822		077	
		63		64			1		
924	9.081 177		9.084 356		0.915 644	9.996 821		076	
		62		63			1		
925	9.081 239		9.084 419		0.915 581	9.996 820		075	
		63		63			1		
926	9.081 302		9.084 482		0.915 518	9.996 819		074	
		62		64			1		
927	9.081 364		9.084 546		0.915 454	9.996 818		073	
		62		63			1		
928	9.081 426		9.084 609		0.915 391	9.996 817		072	
		63		63			1		
929	9.081 489		9.084 672		0.915 328	9.996 816		071	
		62		64			0		
.930	9.081 551		9.084 736		0.915 264	9.996 816		.070	
		63		63			1		
931	9.081 614		9.084 799		0.915 201	9.996 815		069	
		62		63			1		
932	9.081 676		9.084 862		0.915 138	9.996 814		068	
		62		63			1		
933	9.081 738		9.084 925		0.915 075	9.996 813		067	
		63		64			1		
934	9.081 801		9.084 989		0.915 011	9.996 812		066	
		62		63			1		
935	9.081 863		9.085 052		0.914 948	9.996 811		065	
		62		63			1		
936	9.081 925		9.085 115		0.914 885	9.996 810		064	
		63		63			1		
937	9.081 988		9.085 178		0.914 822	9.996 809		063	
		62		64			1		
938	9.082 050		9.085 242		0.914 758	9.996 808		062	
		62		63			1		
939	9.082 112		9.085 305		0.914 695	9.996 807		061	
		62		63			1		
.940	9.082 174		9.085 368		0.914 632	9.996 806		.060	
		63		63			1		
941	9.082 237		9.085 431		0.914 569	9.996 805		059	
		62		63			1		
942	9.082 299		9.085 494		0.914 506	9.996 804		058	
		62		64			0		
943	9.082 361		9.085 558		0.914 442	9.996 804		057	
		62		63			1		
944	9.082 423		9.085 621		0.914 379	9.996 803		056	
		63		63			1		
945	9.082 486		9.085 684		0.914 316	9.996 802		055	
		62		63			1		
946	9.082 548		9.085 747		0.914 253	9.996 801		054	
		62		63			1		
947	9.082 610		9.085 810		0.914 190	9.996 800		053	
		62		63			1		
948	9.082 672		9.085 873		0.914 127	9.996 799		052	
		62		63			1		
949	9.082 734		9.085 936		0.914 064	9.996 798		051	
		63		64			1		
.950	9.082 797		9.086 000		0.914 000	9.996 797		.050	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

	64
1	6.4
2	12.8
3	19.2
4	25.6
5	32.0
6	38.4
7	44.8
8	51.2
9	57.6

	63
1	6.3
2	12.6
3	18.9
4	25.2
5	31.5
6	37.8
7	44.1
8	50.4
9	56.7

	62
1	6.2
2	12.4
3	18.6
4	24.8
5	31.0
6	37.2
7	43.4
8	49.6
9	55.8

83°.100 — 83°.050

6°.950 — 7°.000

6°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.082 797		9.086 000		0.914 000	9.996 797		**.050**	
		62		63			1		
951	9.082 859		9.086 063		0.913 937	9.996 796		049	
952	9.082 921	62	9.086 126	63	0.913 874	9.996 795	1	048	
953	9.082 983	62	9.086 189	63	0.913 811	9.996 794	1	047	
		62		63			1		
954	9.083 045		9.086 252		0.913 748	9.996 793		046	
955	9.083 107	62	9.086 315	63	0.913 685	9.996 792	1	045	
956	9.083 170	63	9.086 378	63	0.913 622	9.996 792	0	044	
		62		63			1		
957	9.083 232		9.086 441		0.913 559	9.996 791		043	
958	9.083 294	62	9.086 504	63	0.913 496	9.996 790	1	042	
959	9.083 356	62	9.086 567	63	0.913 433	9.996 789	1	041	
		62		63			1		
.960	9.083 418		9.086 630		0.913 370	9.996 788		**.040**	
		62		63			1		
961	9.083 480		9.086 693		0.913 307	9.996 787		039	
962	9.083 542	62	9.086 756	63	0.913 244	9.996 786	1	038	
963	9.083 604	62	9.086 819	63	0.913 181	9.996 785	1	037	
		62		63			1		
964	9.083 666		9.086 882		0.913 118	9.996 784		036	
965	9.083 728	62	9.086 945	63	0.913 055	9.996 783	1	035	
966	9.083 790	62	9.087 008	63	0.912 992	9.996 782	1	034	
		62		63			1		
967	9.083 852		9.087 071		0.912 929	9.996 781		033	
968	9.083 914	62	9.087 134	63	0.912 866	9.996 780	1	032	
969	9.083 976	62	9.087 197	63	0.912 803	9.996 779	1	031	
		62		63			0		
.970	9.084 038		9.087 260		0.912 740	9.996 779		**.030**	
		62		63			1		
971	9.084 100		9.087 323		0.912 677	9.996 778		029	
972	9.084 162	62	9.087 386	63	0.912 614	9.996 777	1	028	
973	9.084 224	62	9.087 449	63	0.912 551	9.996 776	1	027	
		62		63			1		
974	9.084 286		9.087 512		0.912 488	9.996 775		026	
975	9.084 348	62	9.087 574	62	0.912 426	9.996 774	1	025	
976	9.084 410	62	9.087 637	63	0.912 363	9.996 773	1	024	
		62		63			1		
977	9.084 472		9.087 700		0.912 300	9.996 772		023	
978	9.084 534	62	9.087 763	63	0.912 237	9.996 771	1	022	
979	9.084 596	62	9.087 826	63	0.912 174	9.996 770	1	021	
		62		63			1		
.980	9.084 658		9.087 889		0.912 111	9.996 769		**.020**	
		62		63			1		
981	9.084 720		9.087 952		0.912 048	9.996 768		019	
982	9.084 782	62	9.088 014	62	0.911 986	9.996 767	1	018	
983	9.084 844	62	9.088 077	63	0.911 923	9.996 767	0	017	
		62		63			1		
984	9.084 906		9.088 140		0.911 860	9.996 766		016	
985	9.084 967	61	9.088 203	63	0.911 797	9.996 765	1	015	
986	9.085 029	62	9.088 266	63	0.911 734	9.996 764	1	014	
		62		62			1		
987	9.085 091		9.088 328		0.911 672	9.996 763		013	
988	9.085 153	62	9.088 391	63	0.911 609	9.996 762	1	012	
989	9.085 215	62	9.088 454	63	0.911 546	9.996 761	1	011	
		62		63			1		
.990	9.085 277		9.088 517		0.911 483	9.996 760		**.010**	
		62		62			1		
991	9.085 339		9.088 579		0.911 421	9.996 759		009	
992	9.085 400	61	9.088 642	63	0.911 358	9.996 758	1	008	
993	9.085 462	62	9.088 705	63	0.911 295	9.996 757	1	007	
		62		63			1		
994	9.085 524		9.088 768		0.911 232	9.996 756		006	
995	9.085 586	62	9.088 830	62	0.911 170	9.996 755	1	005	
996	9.085 647	61	9.088 893	63	0.911 107	9.996 754	1	004	
		62		63			0		
997	9.085 709		9.088 956		0.911 044	9.996 754		003	
998	9.085 771	62	9.089 018	62	0.910 982	9.996 753	1	002	
999	9.085 833	62	9.089 081	63	0.910 919	9.996 752	1	001	
		61		63			1		
***000**	9.085 894		9.089 144		0.910 856	9.996 751		**.000**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	63
1	6.3
2	12.6
3	18.9
4	25.2
5	31.5
6	37.8
7	44.1
8	50.4
9	56.7

	62
1	6.2
2	12.4
3	18.6
4	24.8
5	31.0
6	37.2
7	43.4
8	49.6
9	55.8

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

83°.050 — 83°.000

7°.000 — 7°.050

7°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.085 894		9.089 144		0.910 856	9.996 751		***000**	
		62		62			1		
001	9.085 956		9.089 206		0.910 794	9.996 750		999	
002	9.086 018	62	9.089 269	63	0.910 731	9.996 749	1	998	
003	9.086 080	62	9.089 332	63	0.910 668	9.996 748	1	997	
		61		62			1		
004	9.086 141		9.089 394		0.910 606	9.996 747		996	
005	9.086 203	62	9.089 457	63	0.910 543	9.996 746	1	995	
006	9.086 265	62	9.089 520	63	0.910 480	9.996 745	1	994	
		61		62			1		
007	9.086 326		9.089 582		0.910 418	9.996 744		993	
008	9.086 388	62	9.089 645	63	0.910 355	9.996 743	1	992	
009	9.086 450	62	9.089 707	62	0.910 293	9.996 742	1	991	
		61		63			1		
.010	9.086 511		9.089 770		0.910 230	9.996 741		**.990**	
		62		63			1		
011	9.086 573		9.089 833		0.910 167	9.996 740		989	
012	9.086 635	62	9.089 895	62	0.910 105	9.996 740	0	988	
013	9.086 696	61	9.089 958	63	0.910 042	9.996 739	1	987	
		62		62			1		
014	9.086 758		9.090 020		0.909 980	9.996 738		986	
015	9.086 819	61	9.090 083	63	0.909 917	9.996 737	1	985	
016	9.086 881	62	9.090 145	62	0.909 855	9.996 736	1	984	
		62		63			1		
017	9.086 943		9.090 208		0.909 792	9.996 735		983	
018	9.087 004	61	9.090 270	62	0.909 730	9.996 734	1	982	
019	9.087 066	62	9.090 333	63	0.909 667	9.996 733	1	981	
		61		62			1		
.020	9.087 127		9.090 395		0.909 605	9.996 732		**.980**	
		62		63			1		
021	9.087 189		9.090 458		0.909 542	9.996 731		979	
022	9.087 250	61	9.090 520	62	0.909 480	9.996 730	1	978	
023	9.087 312	62	9.090 583	63	0.909 417	9.996 729	1	977	
		62		62			1		
024	9.087 374		9.090 645		0.909 355	9.996 728		976	
025	9.087 435	61	9.090 708	63	0.909 292	9.996 727	1	975	
026	9.087 497	62	9.090 770	62	0.909 230	9.996 726	1	974	
		61		62			0		
027	9.087 558		9.090 832		0.909 168	9.996 726		973	
028	9.087 620	62	9.090 895	63	0.909 105	9.996 725	1	972	
029	9.087 681	61	9.090 957	62	0.909 043	9.996 724	1	971	
		61		63			1		
.030	9.087 742		9.091 020		0.908 980	9.996 723		**.970**	
		62		62			1		
031	9.087 804		9.091 082		0.908 918	9.996 722		969	
032	9.087 865	61	9.091 145	63	0.908 855	9.996 721	1	968	
033	9.087 927	62	9.091 207	62	0.908 793	9.996 720	1	967	
		61		62			1		
034	9.087 988		9.091 269		0.908 731	9.996 719		966	
035	9.088 050	62	9.091 332	63	0.908 668	9.996 718	1	965	
036	9.088 111	61	9.091 394	62	0.908 606	9.996 717	1	964	
		62		62			1		
037	9.088 173		9.091 456		0.908 544	9.996 716		963	
038	9.088 234	61	9.091 519	63	0.908 481	9.996 715	1	962	
039	9.088 295	61	9.091 581	62	0.908 419	9.996 714	1	961	
		62		62			1		
.040	9.088 357		9.091 643		0.908 357	9.996 713		**.960**	
		61		63			1		
041	9.088 418		9.091 706		0.908 294	9.996 712		959	
042	9.088 479	61	9.091 768	62	0.908 232	9.996 712	0	958	
043	9.088 541	62	9.091 830	62	0.908 170	9.996 711	1	957	
		61		63			1		
044	9.088 602		9.091 893		0.908 107	9.996 710		956	
045	9.088 663	61	9.091 955	62	0.908 045	9.996 709	1	955	
046	9.088 725	62	9.092 017	62	0.907 983	9.996 708	1	954	
		61		62			1		
047	9.088 786		9.092 079		0.907 921	9.996 707		953	
048	9.088 847	61	9.092 142	63	0.907 858	9.996 706	1	952	
049	9.088 909	62	9.092 204	62	0.907 796	9.996 705	1	951	
		61		62			1		
.050	9.088 970		9.092 266		0.907 734	9.996 704		**.950**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	63
1	6.3
2	12.6
3	18.9
4	25.2
5	31.5
6	37.8
7	44.1
8	50.4
9	56.7

	62
1	6.2
2	12.4
3	18.6
4	24.8
5	31.0
6	37.2
7	43.4
8	49.6
9	55.8

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

83°.000 — 82°.950

7°.050 — 7°.100

7°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.088 970		9.092 266		0.907 734	9.996 704		**.950**	
		61		62			1		
051	9.089 031		9.092 328		0.907 672	9.996 703		949	
052	9.089 093	62	9.092 390	62	0.907 610	9.996 702	1	948	
053	9.089 154	61	9.092 453	63	0.907 547	9.996 701	1	947	
		61		62			1		63
054	9.089 215		9.092 515		0.907 485	9.996 700		946	1 6.3
055	9.089 276	61	9.092 577	62	0.907 423	9.996 699	1	945	2 12.6
056	9.089 338	62	9.092 639	62	0.907 361	9.996 698	1	944	3 18.9
		61		62			1		4 25.2
057	9.089 399		9.092 701		0.907 299	9.996 697		943	5 31.5
058	9.089 460	61	9.092 764	63	0.907 236	9.996 697	0	942	6 37.8
059	9.089 521	61	9.092 826	62	0.907 174	9.996 696	1	941	7 44.1
		62		62			1		8 50.4
.060	9.089 583		9.092 888		0.907 112	9.996 695		**.940**	9 56.7
		61		62			1		
061	9.089 644		9.092 950		0.907 050	9.996 694		939	
062	9.089 705	61	9.093 012	62	0.906 988	9.996 693	1	938	
063	9.089 766	61	9.093 074	62	0.906 926	9.996 692	1	937	
		61		62			1		
064	9.089 827		9.093 136		0.906 864	9.996 691		936	
065	9.089 888	61	9.093 198	62	0.906 802	9.996 690	1	935	62
066	9.089 950	62	9.093 261	63	0.906 739	9.996 689	1	934	
		61		62			1		1 6.2
067	9.090 011		9.093 323		0.906 677	9.996 688		933	2 12.4
068	9.090 072	61	9.093 385	62	0.906 615	9.996 687	1	932	3 18.6
069	9.090 133	61	9.093 447	62	0.906 553	9.996 686	1	931	4 24.8
		61		62			1		5 31.0
.070	9.090 194		9.093 509		0.906 491	9.996 685		**.930**	6 37.2
		61		62			1		7 43.4
071	9.090 255		9.093 571		0.906 429	9.996 684		929	8 49.6
072	9.090 316	61	9.093 633	62	0.906 367	9.996 683	1	928	9 55.8
073	9.090 377	61	9.093 695	62	0.906 305	9.996 682	1	927	
		62		62			1		
074	9.090 439		9.093 757		0.906 243	9.996 681		926	
075	9.090 500	61	9.093 819	62	0.906 181	9.996 681	0	925	
076	9.090 561	61	9.093 881	62	0.906 119	9.996 680	1	924	
		61		62			1		
077	9.090 622		9.093 943		0.906 057	9.996 679		923	61
078	9.090 683	61	9.094 005	62	0.905 995	9.996 678	1	922	
079	9.090 744	61	9.094 067	62	0.905 933	9.996 677	1	921	1 6.1
		61		62			1		2 12.2
.080	9.090 805		9.094 129		0.905 871	9.996 676		**.920**	3 18.3
		61		62			1		4 24.4
081	9.090 866		9.094 191		0.905 809	9.996 675		919	5 30.5
082	9.090 927	61	9.094 253	62	0.905 747	9.996 674	1	918	6 36.6
083	9.090 988	61	9.094 315	62	0.905 685	9.996 673	1	917	7 42.7
		61		62			1		8 48.8
084	9.091 049		9.094 377		0.905 623	9.996 672		916	9 54.9
085	9.091 110	61	9.094 439	62	0.905 561	9.996 671	1	915	
086	9.091 171	61	9.094 501	62	0.905 499	9.996 670	1	914	
		61		62			1		
087	9.091 232		9.094 563		0.905 437	9.996 669		913	
088	9.091 293	61	9.094 624	61	0.905 376	9.996 668	1	912	
089	9.091 354	61	9.094 686	62	0.905 314	9.996 667	1	911	60
		61		62			1		
.090	9.091 415		9.094 748		0.905 252	9.996 666		**.910**	1 6.0
		61		62			1		2 12.0
091	9.091 476		9.094 810		0.905 190	9.996 665		909	3 18.0
092	9.091 537	61	9.094 872	62	0.905 128	9.996 665	0	908	4 24.0
093	9.091 597	60	9.094 934	62	0.905 066	9.996 664	1	907	5 30.0
		61		62			1		6 36.0
094	9.091 658		9.094 996		0.905 004	9.996 663		906	7 42.0
095	9.091 719	61	9.095 058	62	0.904 942	9.996 662	1	905	8 48.0
096	9.091 780	61	9.095 119	61	0.904 881	9.996 661	1	904	9 54.0
		61		62			1		
097	9.091 841		9.095 181		0.904 819	9.996 660		903	
098	9.091 902	61	9.095 243	62	0.904 757	9.996 659	1	902	
099	9.091 963	61	9.095 305	62	0.904 695	9.996 658	1	901	
		61		62			1		
.100	9.092 024		9.095 367		0.904 633	9.996 657		**.900**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

82°.950 — 82°.900

7°.100 — 7°.150

7°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.092 024		9.095 367		0.904 633	9.996 657		**.900**	
		61		61			1		
101	9.092 085		9.095 428		0.904 572	9.996 656		899	
		60		62			1		
102	9.092 145		9.095 490		0.904 510	9.996 655		898	
		61		62			1		
103	9.092 206		9.095 552		0.904 448	9.996 654		897	
		61		62			1		
104	9.092 267		9.095 614		0.904 386	9.996 653		896	
		61		62			1		
105	9.092 328		9.095 676		0.904 324	9.996 652		895	
		61		61			1		
106	9.092 389		9.095 737		0.904 263	9.996 651		894	
		60		62			1		
107	9.092 449		9.095 799		0.904 201	9.996 650		893	
		61		62			1		
108	9.092 510		9.095 861		0.904 139	9.996 649		892	
		61		62			1		
109	9.092 571		9.095 923		0.904 077	9.996 648		891	
		61		61			0		
.110	9.092 632		9.095 984		0.904 016	9.996 648		**.890**	
		61		62			1		
111	9.092 693		9.096 046		0.903 954	9.996 647		889	
		60		62			1		
112	9.092 753		9.096 108		0.903 892	9.996 646		888	
		61		61			1		
113	9.092 814		9.096 169		0.903 831	9.996 645		887	
		61		62			1		
114	9.092 875		9.096 231		0.903 769	9.996 644		886	
		61		62			1		
115	9.092 936		9.096 293		0.903 707	9.996 643		885	
		60		61			1		
116	9.092 996		9.096 354		0.903 646	9.996 642		884	
		61		62			1		
117	9.093 057		9.096 416		0.903 584	9.996 641		883	
		61		62			1		
118	9.093 118		9.096 478		0.903 522	9.996 640		882	
		60		61			1		
119	9.093 178		9.096 539		0.903 461	9.996 639		881	
		61		62			1		
.120	9.093 239		9.096 601		0.903 399	9.996 638		**.880**	
		61		62			1		
121	9.093 300		9.096 663		0.903 337	9.996 637		879	
		60		61			1		
122	9.093 360		9.096 724		0.903 276	9.996 636		878	
		61		62			1		
123	9.093 421		9.096 786		0.903 214	9.996 635		877	
		61		61			1		
124	9.093 482		9.096 847		0.903 153	9.996 634		876	
		60		62			1		
125	9.093 542		9.096 909		0.903 091	9.996 633		875	
		61		62			1		
126	9.093 603		9.096 971		0.903 029	9.996 632		874	
		61		61			1		
127	9.093 664		9.097 032		0.902 968	9.996 631		873	
		60		62			1		
128	9.093 724		9.097 094		0.902 906	9.996 630		872	
		61		61			0		
129	9.093 785		9.097 155		0.902 845	9.996 630		871	
		60		62			1		
.130	9.093 845		9.097 217		0.902 783	9.996 629		**.870**	
		61		61			1		
131	9.093 906		9.097 278		0.902 722	9.996 628		869	
		61		62			1		
132	9.093 967		9.097 340		0.902 660	9.996 627		868	
		60		61			1		
133	9.094 027		9.097 401		0.902 599	9.996 626		867	
		61		62			1		
134	9.094 088		9.097 463		0.902 537	9.996 625		866	
		60		61			1		
135	9.094 148		9.097 524		0.902 476	9.996 624		865	
		61		62			1		
136	9.094 209		9.097 586		0.902 414	9.996 623		864	
		60		61			1		
137	9.094 269		9.097 647		0.902 353	9.996 622		863	
		61		62			1		
138	9.094 330		9.097 709		0.902 291	9.996 621		862	
		60		61			1		
139	9.094 390		9.097 770		0.902 230	9.996 620		861	
		61		62			1		
.140	9.094 451		9.097 832		0.902 168	9.996 619		**.860**	
		60		61			1		
141	9.094 511		9.097 893		0.902 107	9.996 618		859	
		61		62			1		
142	9.094 572		9.097 955		0.902 045	9.996 617		858	
		60		61			1		
143	9.094 632		9.098 016		0.901 984	9.996 616		857	
		61		62			1		
144	9.094 693		9.098 078		0.901 922	9.996 615		856	
		60		61			1		
145	9.094 753		9.098 139		0.901 861	9.996 614		855	
		61		61			1		
146	9.094 814		9.098 200		0.901 800	9.996 613		854	
		60		62			1		
147	9.094 874		9.098 262		0.901 738	9.996 612		853	
		61		61			1		
148	9.094 935		9.098 323		0.901 677	9.996 611		852	
		60		62			0		
149	9.094 995		9.098 385		0.901 615	9.996 611		851	
		61		61			1		
.150	9.095 056		9.098 446		0.901 554	9.996 610		**.850**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	62
1	6.2
2	12.4
3	18.6
4	24.8
5	31.0
6	37.2
7	43.4
8	49.6
9	55.8

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

82°.900 — 82°.850

7°.150 — 7°.200

7°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.095 056		9.098 446		0.901 554	9.996 610		**.850**	
		60		61			1		
151	9.095 116		9.098 507		0.901 493	9.996 609		849	
152	9.095 176	60	9.098 569	62	0.901 431	9.996 608	1	848	
153	9.095 237	61	9.098 630	61	0.901 370	9.996 607	1	847	
		60		61			1		
154	9.095 297		9.098 691		0.901 309	9.996 606		846	
155	9.095 358	61	9.098 753	62	0.901 247	9.996 605	1	845	
156	9.095 418	60	9.098 814	61	0.901 186	9.996 604	1	844	
		60		61			1		
157	9.095 478		9.098 875		0.901 125	9.996 603		843	
158	9.095 539	61	9.098 937	62	0.901 063	9.996 602	1	842	
159	9.095 599	60	9.098 998	61	0.901 002	9.996 601	1	841	
		60		61			1		
.160	9.095 659		9.099 059		0.900 941	9.996 600		**.840**	
		61		62			1		
161	9.095 720		9.099 121		0.900 879	9.996 599		839	
162	9.095 780	60	9.099 182	61	0.900 818	9.996 598	1	838	
163	9.095 840	60	9.099 243	61	0.900 757	9.996 597	1	837	
		61		61			1		
164	9.095 901		9.099 304		0.900 696	9.996 596		836	
165	9.095 961	60	9.099 366	62	0.900 634	9.996 595	1	835	
166	9.096 021	60	9.099 427	61	0.900 573	9.996 594	1	834	
		61		61			1		
167	9.096 082		9.099 488		0.900 512	9.996 593		833	
168	9.096 142	60	9.099 549	61	0.900 451	9.996 592	1	832	
169	9.096 202	60	9.099 611	62	0.900 389	9.996 592	0	831	
		60		61			1		
.170	9.096 262		9.099 672		0.900 328	9.996 591		**.830**	
		61		61			1		
171	9.096 323		9.099 733		0.900 267	9.996 590		829	
172	9.096 383	60	9.099 794	61	0.900 206	9.996 589	1	828	
173	9.096 443	60	9.099 855	61	0.900 145	9.996 588	1	827	
		60		62			1		
174	9.096 503		9.099 917		0.900 083	9.996 587		826	
175	9.096 564	61	9.099 978	61	0.900 022	9.996 586	1	825	
176	9.096 624	60	9.100 039	61	0.899 961	9.996 585	1	824	
		60		61			1		
177	9.096 684		9.100 100		0.899 900	9.996 584		823	
178	9.096 744	60	9.100 161	61	0.899 839	9.996 583	1	822	
179	9.096 804	60	9.100 222	61	0.899 778	9.996 582	1	821	
		61		62			1		
.180	9.096 865		9.100 284		0.899 716	9.996 581		**.820**	
		60		61			1		
181	9.096 925		9.100 345		0.899 655	9.996 580		819	
182	9.096 985	60	9.100 406	61	0.899 594	9.996 579	1	818	
183	9.097 045	60	9.100 467	61	0.899 533	9.996 578	1	817	
		60		61			1		
184	9.097 105		9.100 528		0.899 472	9.996 577		816	
185	9.097 165	60	9.100 589	61	0.899 411	9.996 576	1	815	
186	9.097 225	60	9.100 650	61	0.899 350	9.996 575	1	814	
		61		61			1		
187	9.097 286		9.100 711		0.899 289	9.996 574		813	
188	9.097 346	60	9.100 772	61	0.899 228	9.996 573	1	812	
189	9.097 406	60	9.100 833	61	0.899 167	9.996 572	1	811	
		60		61			1		
.190	9.097 466		9.100 894		0.899 106	9.996 571		**.810**	
		60		61			1		
191	9.097 526		9.100 955		0.899 045	9.996 570		809	
192	9.097 586	60	9.101 016	61	0.898 984	9.996 570	0	808	
193	9.097 646	60	9.101 077	61	0.898 923	9.996 569	1	807	
		60		61			1		
194	9.097 706		9.101 138		0.898 862	9.996 568		806	
195	9.097 766	60	9.101 199	61	0.898 801	9.996 567	1	805	
196	9.097 826	60	9.101 260	61	0.898 740	9.996 566	1	804	
		60		61			1		
197	9.097 886		9.101 321		0.898 679	9.996 565		803	
198	9.097 946	60	9.101 382	61	0.898 618	9.996 564	1	802	
199	9.098 006	60	9.101 443	61	0.898 557	9.996 563	1	801	
		60		61			1		
.200	9.098 066		9.101 504		0.898 496	9.996 562		**.800**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	62
1	6.2
2	12.4
3	18.6
4	24.8
5	31.0
6	37.2
7	43.4
8	49.6
9	55.8

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

82°.850 — 82°.800

7°.200 — 7°.250

7°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.098 066		9.101 504		0.898 496	9.996 562		**.800**	
		60		61			1		
201	9.098 126		9.101 565		0.898 435	9.996 561		799	
202	9.098 186	60	9.101 626	61	0.898 374	9.996 560	1	798	
203	9.098 246	60	9.101 687	61	0.898 313	9.996 559	1	797	
		60		61			1		
204	9.098 306		9.101 748		0.898 252	9.996 558		796	
205	9.098 366	60	9.101 809	61	0.898 191	9.996 557	1	795	
206	9.098 426	60	9.101 870	61	0.898 130	9.996 556	1	794	
		60		61			1		
207	9.098 486		9.101 931		0.898 069	9.996 555		793	
208	9.098 546	60	9.101 992	61	0.898 008	9.996 554	1	792	
209	9.098 606	60	9.102 053	61	0.897 947	9.996 553	1	791	
		60		61			1		
.210	9.098 666		9.102 114		0.897 886	9.996 552		**.790**	
		60		60			1		
211	9.098 726		9.102 174		0.897 826	9.996 551		789	
212	9.098 786	60	9.102 235	61	0.897 765	9.996 550	1	788	
213	9.098 846	60	9.102 296	61	0.897 704	9.996 549	1	787	
		59		61			1		
214	9.098 905		9.102 357		0.897 643	9.996 548		786	
215	9.098 965	60	9.102 418	61	0.897 582	9.996 548	0	785	
216	9.099 025	60	9.102 479	61	0.897 521	9.996 547	1	784	
		60		60			1		
217	9.099 085		9.102 539		0.897 461	9.996 546		783	
218	9.099 145	60	9.102 600	61	0.897 400	9.996 545	1	782	
219	9.099 205	60	9.102 661	61	0.897 339	9.996 544	1	781	
		60		61			1		
.220	9.099 265		9.102 722		0.897 278	9.996 543		**.780**	
		59		61			1		
221	9.099 324		9.102 783		0.897 217	9.996 542		779	
222	9.099 384	60	9.102 843	60	0.897 157	9.996 541	1	778	
223	9.099 444	60	9.102 904	61	0.897 096	9.996 540	1	777	
		60		61			1		
224	9.099 504		9.102 965		0.897 035	9.996 539		776	
225	9.099 564	60	9.103 026	61	0.896 974	9.996 538	1	775	
226	9.099 623	59	9.103 086	60	0.896 914	9.996 537	1	774	
		60		61			1		
227	9.099 683		9.103 147		0.896 853	9.996 536		773	
228	9.099 743	60	9.103 208	61	0.896 792	9.996 535	1	772	
229	9.099 803	60	9.103 269	61	0.896 731	9.996 534	1	771	
		59		60			1		
.230	9.099 862		9.103 329		0.896 671	9.996 533		**.770**	
		60		61			1		
231	9.099 922		9.103 390		0.896 610	9.996 532		769	
232	9.099 982	60	9.103 451	61	0.896 549	9.996 531	1	768	
233	9.100 042	60	9.103 511	60	0.896 489	9.996 530	1	767	
		59		61			1		
234	9.100 101		9.103 572		0.896 428	9.996 529		766	
235	9.100 161	60	9.103 633	61	0.896 367	9.996 528	1	765	
236	9.100 221	60	9.103 694	61	0.896 306	9.996 527	1	764	
		60		60			1		
237	9.100 281		9.103 754		0.896 246	9.996 526		763	
238	9.100 340	59	9.103 815	61	0.896 185	9.996 525	1	762	
239	9.100 400	60	9.103 875	60	0.896 125	9.996 524	1	761	
		60		61			1		
.240	9.100 460		9.103 936		0.896 064	9.996 523		**.760**	
		59		61			0		
241	9.100 519		9.103 997		0.896 003	9.996 523		759	
242	9.100 579	60	9.104 057	60	0.895 943	9.996 522	1	758	
243	9.100 639	60	9.104 118	61	0.895 882	9.996 521	1	757	
		59		61			1		
244	9.100 698		9.104 179		0.895 821	9.996 520		756	
245	9.100 758	60	9.104 239	60	0.895 761	9.996 519	1	755	
246	9.100 817	59	9.104 300	61	0.895 700	9.996 518	1	754	
		60		60			1		
247	9.100 877		9.104 360		0.895 640	9.996 517		753	
248	9.100 937	60	9.104 421	61	0.895 579	9.996 516	1	752	
249	9.100 996	59	9.104 481	60	0.895 519	9.996 515	1	751	
		60		61			1		
.250	9.101 056		9.104 542		0.895 458	9.996 514		**.750**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

82°.800 — 82°.750

7°.250 — 7°.300

7°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.101 056		9.104 542		0.895 458	9.996 514		**.750**	
		59		61			1		
251	9.101 115		9.104 603		0.895 397	9.996 513		749	
252	9.101 175	60	9.104 663	60	0.895 337	9.996 512	1	748	
253	9.101 235	60	9.104 724	61	0.895 276	9.996 511	1	747	
		59		60			1		
254	9.101 294		9.104 784		0.895 216	9.996 510		746	
255	9.101 354	60	9.104 845	61	0.895 155	9.996 509	1	745	
256	9.101 413	59	9.104 905	60	0.895 095	9.996 508	1	744	
		60		61			1		
257	9.101 473		9.104 966		0.895 034	9.996 507		743	
258	9.101 532	59	9.105 026	60	0.894 974	9.996 506	1	742	
259	9.101 592	60	9.105 087	61	0.894 913	9.996 505	1	741	
		59		60			1		
.260	9.101 651		9.105 147		0.894 853	9.996 504		**.740**	
		60		60			1		
261	9.101 711		9.105 207		0.894 793	9.996 503		739	
262	9.101 770	59	9.105 268	61	0.894 732	9.996 502	1	738	
263	9.101 830	60	9.105 328	60	0.894 672	9.996 501	1	737	
		59		61			1		
264	9.101 889		9.105 389		0.894 611	9.996 500		736	
265	9.101 949	60	9.105 449	60	0.894 551	9.996 499	1	735	
266	9.102 008	59	9.105 510	61	0.894 490	9.996 498	1	734	
		60		60			1		
267	9.102 068		9.105 570		0.894 430	9.996 497		733	
268	9.102 127	59	9.105 630	60	0.894 370	9.996 496	1	732	
269	9.102 186	59	9.105 691	61	0.894 309	9.996 495	1	731	
		60		60			0		
.270	9.102 246		9.105 751		0.894 249	9.996 495		**.730**	
		59		61			1		
271	9.102 305		9.105 812		0.894 188	9.996 494		729	
272	9.102 365	60	9.105 872	60	0.894 128	9.996 493	1	728	
273	9.102 424	59	9.105 932	60	0.894 068	9.996 492	1	727	
		59		61			1		
274	9.102 483		9.105 993		0.894 007	9.996 491		726	
275	9.102 543	60	9.106 053	60	0.893 947	9.996 490	1	725	
276	9.102 602	59	9.106 113	60	0.893 887	9.996 489	1	724	
		60		61			1		
277	9.102 662		9.106 174		0.893 826	9.996 488		723	
278	9.102 721	59	9.106 234	60	0.893 766	9.996 487	1	722	
279	9.102 780	59	9.106 294	60	0.893 706	9.996 486	1	721	
		60		61			1		
.280	9.102 840		9.106 355		0.893 645	9.996 485		**.720**	
		59		60			1		
281	9.102 899		9.106 415		0.893 585	9.996 484		719	
282	9.102 958	59	9.106 475	60	0.893 525	9.996 483	1	718	
283	9.103 018	60	9.106 536	61	0.893 464	9.996 482	1	717	
		59		60			1		
284	9.103 077		9.106 596		0.893 404	9.996 481		716	
285	9.103 136	59	9.106 656	60	0.893 344	9.996 480	1	715	
286	9.103 195	59	9.106 716	60	0.893 284	9.996 479	1	714	
		60		61			1		
287	9.103 255		9.106 777		0.893 223	9.996 478		713	
288	9.103 314	59	9.106 837	60	0.893 163	9.996 477	1	712	
289	9.103 373	59	9.106 897	60	0.893 103	9.996 476	1	711	
		59		60			1		
.290	9.103 432		9.106 957		0.893 043	9.996 475		**.710**	
		60		61			1		
291	9.103 492		9.107 018		0.892 982	9.996 474		709	
292	9.103 551	59	9.107 078	60	0.892 922	9.996 473	1	708	
293	9.103 610	59	9.107 138	60	0.892 862	9.996 472	1	707	
		59		60			1		
294	9.103 669		9.107 198		0.892 802	9.996 471		706	
295	9.103 729	60	9.107 258	60	0.892 742	9.996 470	1	705	
296	9.103 788	59	9.107 319	61	0.892 681	9.996 469	1	704	
		59		60			1		
297	9.103 847		9.107 379		0.892 621	9.996 468		703	
298	9.103 906	59	9.107 439	60	0.892 561	9.996 467	1	702	
299	9.103 965	59	9.107 499	60	0.892 501	9.996 466	1	701	
		60		60			1		
.300	9.104 025		9.107 559		0.892 441	9.996 465		**.700**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

82°.750 — 82°.700

$7^\circ.300 - 7^\circ.350$

7°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.104 025		9.107 559		0.892 441	9.996 465		**.700**	
		59		60			1		
301	9.104 084		9.107 619		0.892 381	9.996 464		699	
		59		60			0		
302	9.104 143		9.107 679		0.892 321	9.996 464		698	
		59		61			1		
303	9.104 202		9.107 740		0.892 260	9.996 463		697	
		59		60			1		
304	9.104 261		9.107 800		0.892 200	9.996 462		696	
		59		60			1		
305	9.104 320		9.107 860		0.892 140	9.996 461		695	
		59		60			1		
306	9.104 379		9.107 920		0.892 080	9.996 460		694	
		60		60			1		
307	9.104 439		9.107 980		0.892 020	9.996 459		693	
		59		60			1		
308	9.104 498		9.108 040		0.891 960	9.996 458		692	
		59		60			1		
309	9.104 557		9.108 100		0.891 900	9.996 457		691	
		59		60			1		
.310	9.104 616		9.108 160		0.891 840	9.996 456		**.690**	
		59		60			1		
311	9.104 675		9.108 220		0.891 780	9.996 455		689	
		59		60			1		
312	9.104 734		9.108 280		0.891 720	9.996 454		688	
		59		60			1		
313	9.104 793		9.108 340		0.891 660	9.996 453		687	
		59		60			1		
314	9.104 852		9.108 400		0.891 600	9.996 452		686	
		59		60			1		
315	9.104 911		9.108 460		0.891 540	9.996 451		685	
		59		60			1		
316	9.104 970		9.108 520		0.891 480	9.996 450		684	
		59		60			1		
317	9.105 029		9.108 580		0.891 420	9.996 449		683	
		59		60			1		
318	9.105 088		9.108 640		0.891 360	9.996 448		682	
		59		60			1		
319	9.105 147		9.108 700		0.891 300	9.996 447		681	
		59		60			1		
.320	9.105 206		9.108 760		0.891 240	9.996 446		**.680**	
		59		60			1		
321	9.105 265		9.108 820		0.891 180	9.996 445		679	
		59		60			1		
322	9.105 324		9.108 880		0.891 120	9.996 444		678	
		59		60			1		
323	9.105 383		9.108 940		0.891 060	9.996 443		677	
		59		60			1		
324	9.105 442		9.109 000		0.891 000	9.996 442		676	
		59		60			1		
325	9.105 501		9.109 060		0.890 940	9.996 441		675	
		59		60			1		
326	9.105 560		9.109 120		0.890 880	9.996 440		674	
		59		60			1		
327	9.105 619		9.109 180		0.890 820	9.996 439		673	
		59		60			1		
328	9.105 678		9.109 240		0.890 760	9.996 438		672	
		59		60			1		
329	9.105 737		9.109 300		0.890 700	9.996 437		671	
		59		60			1		
.330	9.105 796		9.109 360		0.890 640	9.996 436		**.670**	
		59		60			1		
331	9.105 855		9.109 420		0.890 580	9.996 435		669	
		59		60			1		
332	9.105 914		9.109 480		0.890 520	9.996 434		668	
		59		59			1		
333	9.105 973		9.109 539		0.890 461	9.996 433		667	
		59		60			1		
334	9.106 032		9.109 599		0.890 401	9.996 432		666	
		59		60			1		
335	9.106 091		9.109 659		0.890 341	9.996 431		665	
		58		60			1		
336	9.106 149		9.109 719		0.890 281	9.996 430		664	
		59		60			1		
337	9.106 208		9.109 779		0.890 221	9.996 429		663	
		59		60			1		
338	9.106 267		9.109 839		0.890 161	9.996 428		662	
		59		60			1		
339	9.106 326		9.109 899		0.890 101	9.996 427		661	
		59		59			0		
.340	9.106 385		9.109 958		0.890 042	9.996 427		**.660**	
		59		60			1		
341	9.106 444		9.110 018		0.889 982	9.996 426		659	
		59		60			1		
342	9.106 503		9.110 078		0.889 922	9.996 425		658	
		58		60			1		
343	9.106 561		9.110 138		0.889 862	9.996 424		657	
		59		60			1		
344	9.106 620		9.110 198		0.889 802	9.996 423		656	
		59		59			1		
345	9.106 679		9.110 257		0.889 743	9.996 422		655	
		59		60			1		
346	9.106 738		9.110 317		0.889 683	9.996 421		654	
		59		60			1		
347	9.106 797		9.110 377		0.889 623	9.996 420		653	
		58		60			1		
348	9.106 855		9.110 437		0.889 563	9.996 419		652	
		59		59			1		
349	9.106 914		9.110 496		0.889 504	9.996 418		651	
		59		60			1		
.350	9.106 973		9.110 556		0.889 444	9.996 417		**.650**	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

$82^\circ.700 - 82^\circ.650$

7°.350 — 7°.400

7°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.106 973		9.110 556		0.889 444	9.996 417		**.650**	
		59		60			1		
351	9.107 032		9.110 616		0.889 384	9.996 416		649	
		58		60			1		
352	9.107 090		9.110 676		0.889 324	9.996 415		648	
		59		59			1		
353	9.107 149		9.110 735		0.889 265	9.996 414		647	
		59		60			1		
354	9.107 208		9.110 795		0.889 205	9.996 413		646	
		59		60			1		
355	9.107 267		9.110 855		0.889 145	9.996 412		645	
		58		59			1		
356	9.107 325		9.110 914		0.889 086	9.996 411		644	
		59		60			1		
357	9.107 384		9.110 974		0.889 026	9.996 410		643	
		59		60			1		
358	9.107 443		9.111 034		0.888 966	9.996 409		642	
		58		60			1		
359	9.107 501		9.111 094		0.888 906	9.996 408		641	
		59		59			1		
.360	9.107 560		9.111 153		0.888 847	9.996 407		**.640**	
		59		60			1		
361	9.107 619		9.111 213		0.888 787	9.996 406		639	
		58		59			1		
362	9.107 677		9.111 272		0.888 728	9.996 405		638	
		59		60			1		
363	9.107 736		9.111 332		0.888 668	9.996 404		637	
		59		60			1		
364	9.107 795		9.111 392		0.888 608	9.996 403		636	
		58		59			1		
365	9.107 853		9.111 451		0.888 549	9.996 402		635	
		59		60			1		
366	9.107 912		9.111 511		0.888 489	9.996 401		634	
		59		60			1		
367	9.107 971		9.111 571		0.888 429	9.996 400		633	
		58		59			1		
368	9.108 029		9.111 630		0.888 370	9.996 399		632	
		59		60			1		
369	9.108 088		9.111 690		0.888 310	9.996 398		631	
		59		59			1		
.370	9.108 147		9.111 749		0.888 251	9.996 397		**.630**	
		58		60			1		
371	9.108 205		9.111 809		0.888 191	9.996 396		629	
		59		60			1		
372	9.108 264		9.111 869		0.888 131	9.996 395		628	
		58		59			1		
373	9.108 322		9.111 928		0.888 072	9.996 394		627	
		59		60			1		
374	9.108 381		9.111 988		0.888 012	9.996 393		626	
		58		59			1		
375	9.108 439		9.112 047		0.887 953	9.996 392		625	
		59		60			1		
376	9.108 498		9.112 107		0.887 893	9.996 391		624	
		59		59			1		
377	9.108 557		9.112 166		0.887 834	9.996 390		623	
		58		60			1		
378	9.108 615		9.112 226		0.887 774	9.996 389		622	
		59		59			1		
379	9.108 674		9.112 285		0.887 715	9.996 388		621	
		58		60			1		
.380	9.108 732		9.112 345		0.887 655	9.996 387		**.620**	
		59		59			1		
381	9.108 791		9.112 404		0.887 596	9.996 386		619	
		58		60			1		
382	9.108 849		9.112 464		0.887 536	9.996 385		618	
		59		59			1		
383	9.108 908		9.112 523		0.887 477	9.996 384		617	
		58		60			1		
384	9.108 966		9.112 583		0.887 417	9.996 383		616	
		59		59			1		
385	9.109 025		9.112 642		0.887 358	9.996 382		615	
		58		60			1		
386	9.109 083		9.112 702		0.887 298	9.996 381		614	
		59		59			1		
387	9.109 142		9.112 761		0.887 239	9.996 380		613	
		58		60			1		
388	9.109 200		9.112 821		0.887 179	9.996 379		612	
		59		59			0		
389	9.109 259		9.112 880		0.887 120	9.996 379		611	
		58		59			1		
.390	9.109 317		9.112 939		0.887 061	9.996 378		**.610**	
		58		60			1		
391	9.109 375		9.112 999		0.887 001	9.996 377		609	
		59		59			1		
392	9.109 434		9.113 058		0.886 942	9.996 376		608	
		58		60			1		
393	9.109 492		9.113 118		0.886 882	9.996 375		607	
		59		59			1		
394	9.109 551		9.113 177		0.886 823	9.996 374		606	
		58		60			1		
395	9.109 609		9.113 237		0.886 763	9.996 373		605	
		59		59			1		
396	9.109 668		9.113 296		0.886 704	9.996 372		604	
		58		59			1		
397	9.109 726		9.113 355		0.886 645	9.996 371		603	
		58		60			1		
398	9.109 784		9.113 415		0.886 585	9.996 370		602	
		59		59			1		
399	9.109 843		9.113 474		0.886 526	9.996 369		601	
		58		59			1		
.400	9.109 901		9.113 533		0.886 467	9.996 368		**.600**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

82°.650 — 82°.600

7°.400 — 7°.450

7°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.109 901		9.113 533		0.886 467	9.996 368		**.600**	
		58		60			1		
401	9.109 959		9.113 593		0.886 407	9.996 367		599	
402	9.110 018	59	9.113 652	59	0.886 348	9.996 366	1	598	
403	9.110 076	58	9.113 711	59	0.886 289	9.996 365	1	597	
		58		60			1		
404	9.110 134		9.113 771		0.886 229	9.996 364		596	
405	9.110 193	59	9.113 830	59	0.886 170	9.996 363	1	595	
406	9.110 251	58	9.113 889	59	0.886 111	9.996 362	1	594	
		58		60			1		
407	9.110 309		9.113 949		0.886 051	9.996 361		593	
408	9.110 368	59	9.114 008	59	0.885 992	9.996 360	1	592	
409	9.110 426	58	9.114 067	59	0.885 933	9.996 359	1	591	
		58		59			1		
.410	9.110 484		9.114 126		0.885 874	9.996 358		**.590**	
		59		60			1		
411	9.110 543		9.114 186		0.885 814	9.996 357		589	
412	9.110 601	58	9.114 245	59	0.885 755	9.996 356	1	588	
413	9.110 659	58	9.114 304	59	0.885 696	9.996 355	1	587	
		58		59			1		
414	9.110 717		9.114 363		0.885 637	9.996 354		586	
415	9.110 776	59	9.114 423	60	0.885 577	9.996 353	1	585	
416	9.110 834	58	9.114 482	59	0.885 518	9.996 352	1	584	
		58		59			1		
417	9.110 892		9.114 541		0.885 459	9.996 351		583	
418	9.110 950	58	9.114 600	59	0.885 400	9.996 350	1	582	
419	9.111 008	58	9.114 659	59	0.885 341	9.996 349	1	581	
		59		60			1		
.420	9.111 067		9.114 719		0.885 281	9.996 348		**.580**	
		58		59			1		
421	9.111 125		9.114 778		0.885 222	9.996 347		579	
422	9.111 183	58	9.114 837	59	0.885 163	9.996 346	1	578	
423	9.111 241	58	9.114 896	59	0.885 104	9.996 345	1	577	
		58		59			1		
424	9.111 299		9.114 955		0.885 045	9.996 344		576	
425	9.111 358	59	9.115 015	60	0.884 985	9.996 343	1	575	
426	9.111 416	58	9.115 074	59	0.884 926	9.996 342	1	574	
		58		59			1		
427	9.111 474		9.115 133		0.884 867	9.996 341		573	
428	9.111 532	58	9.115 192	59	0.884 808	9.996 340	1	572	
429	9.111 590	58	9.115 251	59	0.884 749	9.996 339	1	571	
		58		59			1		
.430	9.111 648		9.115 310		0.884 690	9.996 338		**.570**	
		58		59			1		
431	9.111 706		9.115 369		0.884 631	9.996 337		569	
432	9.111 765	59	9.115 428	59	0.884 572	9.996 336	1	568	
433	9.111 823	58	9.115 487	59	0.884 513	9.996 335	1	567	
		58		60			1		
434	9.111 881		9.115 547		0.884 453	9.996 334		566	
435	9.111 939	58	9.115 606	59	0.884 394	9.996 333	1	565	
436	9.111 997	58	9.115 665	59	0.884 335	9.996 332	1	564	
		58		59			1		
437	9.112 055		9.115 724		0.884 276	9.996 331		563	
438	9.112 113	58	9.115 783	59	0.884 217	9.996 330	1	562	
439	9.112 171	58	9.115 842	59	0.884 158	9.996 329	1	561	
		58		59			1		
.440	9.112 229		9.115 901		0.884 099	9.996 328		**.560**	
		58		59			1		
441	9.112 287		9.115 960		0.884 040	9.996 327		559	
442	9.112 345	58	9.116 019	59	0.883 981	9.996 326	1	558	
443	9.112 403	58	9.116 078	59	0.883 922	9.996 325	1	557	
		58		59			1		
444	9.112 461		9.116 137		0.883 863	9.996 324		556	
445	9.112 519	58	9.116 196	59	0.883 804	9.996 323	1	555	
446	9.112 577	58	9.116 255	59	0.883 745	9.996 322	1	554	
		58		59			1		
447	9.112 635		9.116 314		0.883 686	9.996 321		553	
448	9.112 693	58	9.116 373	59	0.883 627	9.996 320	1	552	
449	9.112 751	58	9.116 432	59	0.883 568	9.996 319	1	551	
		58		59			1		
.450	9.112 809		9.116 491		0.883 509	9.996 318		**.550**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

82°.600 — 82°.550

7°.450 — 7°.500

7°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.112 809		9.116 491		0.883 509	9.996 318		**.550**	
		58		59			1		
451	9.112 867		9.116 550		0.883 450	9.996 317		549	
452	9.112 925	58	9.116 609	59	0.883 391	9.996 316	1	548	
453	9.112 983	58	9.116 668	59	0.883 332	9.996 315	1	547	
		58		59			1		
454	9.113 041		9.116 727		0.883 273	9.996 314		546	
455	9.113 099	58	9.116 786	59	0.883 214	9.996 313	1	545	
456	9.113 157	58	9.116 844	58	0.883 156	9.996 312	1	544	
		58		59			1		
457	9.113 215		9.116 903		0.883 097	9.996 311		543	
458	9.113 273	58	9.116 962	59	0.883 038	9.996 310	1	542	
459	9.113 331	58	9.117 021	59	0.882 979	9.996 309	1	541	
		57		59			1		
.460	9.113 388		9.117 080		0.882 920	9.996 308		**.540**	
		58		59			1		
461	9.113 446		9.117 139		0.882 861	9.996 307		539	
462	9.113 504	58	9.117 198	59	0.882 802	9.996 306	1	538	
463	9.113 562	58	9.117 257	59	0.882 743	9.996 305	1	537	
		58		59			1		
464	9.113 620		9.117 316		0.882 684	9.996 304		536	
465	9.113 678	58	9.117 374	58	0.882 626	9.996 303	1	535	
466	9.113 736	58	9.117 433	59	0.882 567	9.996 302	1	534	
		57		59			1		
467	9.113 793		9.117 492		0.882 508	9.996 301		533	
468	9.113 851	58	9.117 551	59	0.882 449	9.996 300	1	532	
469	9.113 909	58	9.117 610	59	0.882 390	9.996 299	1	531	
		58		58			1		
.470	9.113 967		9.117 668		0.882 332	9.996 298		**.530**	
		58		59			1		
471	9.114 025		9.117 727		0.882 273	9.996 297		529	
472	9.114 083	58	9.117 786	59	0.882 214	9.996 296	1	528	
473	9.114 140	57	9.117 845	59	0.882 155	9.996 295	1	527	
		58		59			1		
474	9.114 198		9.117 904		0.882 096	9.996 294		526	
475	9.114 256	58	9.117 962	58	0.882 038	9.996 293	1	525	
476	9.114 314	58	9.118 021	59	0.881 979	9.996 292	1	524	
		57		59			1		
477	9.114 371		9.118 080		0.881 920	9.996 291		523	
478	9.114 429	58	9.118 139	59	0.881 861	9.996 290	1	522	
479	9.114 487	58	9.118 197	58	0.881 803	9.996 289	1	521	
		58		59			1		
.480	9.114 545		9.118 256		0.881 744	9.996 288		**.520**	
		57		59			0		
481	9.114 602		9.118 315		0.881 685	9.996 288		519	
482	9.114 660	58	9.118 374	59	0.881 626	9.996 287	1	518	
483	9.114 718	58	9.118 432	58	0.881 568	9.996 286	1	517	
		57		59			1		
484	9.114 775		9.118 491		0.881 509	9.996 285		516	
485	9.114 833	58	9.118 550	59	0.881 450	9.996 284	1	515	
486	9.114 891	58	9.118 608	58	0.881 392	9.996 283	1	514	
		58		59			1		
487	9.114 949		9.118 667		0.881 333	9.996 282		513	
488	9.115 006	57	9.118 726	59	0.881 274	9.996 281	1	512	
489	9.115 064	58	9.118 784	58	0.881 216	9.996 280	1	511	
		58		59			1		
.490	9.115 122		9.118 843		0.881 157	9.996 279		**.510**	
		57		59			1		
491	9.115 179		9.118 902		0.881 098	9.996 278		509	
492	9.115 237	58	9.118 960	58	0.881 040	9.996 277	1	508	
493	9.115 294	57	9.119 019	59	0.880 981	9.996 276	1	507	
		58		59			1		
494	9.115 352		9.119 078		0.880 922	9.996 275		506	
495	9.115 410	58	9.119 136	58	0.880 864	9.996 274	1	505	
496	9.115 467	57	9.119 195	59	0.880 805	9.996 273	1	504	
		58		58			1		
497	9.115 525		9.119 253		0.880 747	9.996 272		503	
498	9.115 583	58	9.119 312	59	0.880 688	9.996 271	1	502	
499	9.115 640	57	9.119 371	59	0.880 629	9.996 270	1	501	
		58		58			1		
.500	9.115 698		9.119 429		0.880 571	9.996 269		**.500**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

	57
1	5.7
2	11.4
3	17.1
4	22.8
5	28.5
6	34.2
7	39.9
8	45.6
9	51.3

82°.550 — 82°.500

$7^\circ.500 - 7^\circ.550$

7°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.115 698		9.119 429		0.880 571	9.996 269		**.500**	
		57		59			1		
501	9.115 755		9.119 488		0.880 512	9.996 268		499	
502	9.115 813	58	9.119 546	58	0.880 454	9.996 267	1	498	
503	9.115 870	57	9.119 605	59	0.880 395	9.996 266	1	497	
		58		58			1		
504	9.115 928		9.119 663		0.880 337	9.996 265		496	
505	9.115 985	57	9.119 722	59	0.880 278	9.996 264	1	495	
506	9.116 043	58	9.119 780	58	0.880 220	9.996 263	1	494	
		58		59			1		
507	9.116 101		9.119 839		0.880 161	9.996 262		493	
508	9.116 158	57	9.119 897	58	0.880 103	9.996 261	1	492	
509	9.116 216	58	9.119 956	59	0.880 044	9.996 260	1	491	
		57		58			1		
.510	9.116 273		9.120 014		0.879 986	9.996 259		**.490**	
		58		59			1		
511	9.116 331		9.120 073		0.879 927	9.996 258		489	
512	9.116 388	57	9.120 131	58	0.879 869	9.996 257	1	488	
513	9.116 445	57	9.120 190	59	0.879 810	9.996 256	1	487	
		58		58			1		
514	9.116 503		9.120 248		0.879 752	9.996 255		486	
515	9.116 560	57	9.120 307	59	0.879 693	9.996 254	1	485	
516	9.116 618	58	9.120 365	58	0.879 635	9.996 253	1	484	
		57		59			1		
517	9.116 675		9.120 424		0.879 576	9.996 252		483	
518	9.116 733	58	9.120 482	58	0.879 518	9.996 251	1	482	
519	9.116 790	57	9.120 541	59	0.879 459	9.996 250	1	481	
		58		58			1		
.520	9.116 848		9.120 599		0.879 401	9.996 249		**.480**	
		57		58			1		
521	9.116 905		9.120 657		0.879 343	9.996 248		479	
522	9.116 962	57	9.120 716	59	0.879 284	9.996 247	1	478	
523	9.117 020	58	9.120 774	58	0.879 226	9.996 246	1	477	
		57		59			1		
524	9.117 077		9.120 833		0.879 167	9.996 245		476	
525	9.117 135	58	9.120 891	58	0.879 109	9.996 244	1	475	
526	9.117 192	57	9.120 949	58	0.879 051	9.996 243	1	474	
		57		59			1		
527	9.117 249		9.121 008		0.878 992	9.996 242		473	
528	9.117 307	58	9.121 066	58	0.878 934	9.996 241	1	472	
529	9.117 364	57	9.121 125	59	0.878 875	9.996 240	1	471	
		57		58			1		
.530	9.117 421		9.121 183		0.878 817	9.996 239		**.470**	
		58		58			1		
531	9.117 479		9.121 241		0.878 759	9.996 238		469	
532	9.117 536	57	9.121 300	59	0.878 700	9.996 237	1	468	
533	9.117 593	57	9.121 358	58	0.878 642	9.996 236	1	467	
		58		58			1		
534	9.117 651		9.121 416		0.878 584	9.996 235		466	
535	9.117 708	57	9.121 474	58	0.878 526	9.996 234	1	465	
536	9.117 765	57	9.121 533	59	0.878 467	9.996 233	1	464	
		58		58			1		
537	9.117 823		9.121 591		0.878 409	9.996 232		463	
538	9.117 880	57	9.121 649	58	0.878 351	9.996 231	1	462	
539	9.117 937	57	9.121 708	59	0.878 292	9.996 230	1	461	
		57		58			1		
.540	9.117 994		9.121 766		0.878 234	9.996 229		**.460**	
		58		58			1		
541	9.118 052		9.121 824		0.878 176	9.996 228		459	
542	9.118 109	57	9.121 882	58	0.878 118	9.996 227	1	458	
543	9.118 166	57	9.121 941	59	0.878 059	9.996 226	1	457	
		57		58			1		
544	9.118 223		9.121 999		0.878 001	9.996 225		456	
545	9.118 281	58	9.122 057	58	0.877 943	9.996 224	1	455	
546	9.118 338	57	9.122 115	58	0.877 885	9.996 223	1	454	
		57		59			1		
547	9.118 395		9.122 174		0.877 826	9.996 222		453	
548	9.118 452	57	9.122 232	58	0.877 768	9.996 221	1	452	
549	9.118 510	58	9.122 290	58	0.877 710	9.996 220	1	451	
		57		58			1		
.550	9.118 567		9.122 348		0.877 652	9.996 219		**.450**	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

	57
1	5.7
2	11.4
3	17.1
4	22.8
5	28.5
6	34.2
7	39.9
8	45.6
9	51.3

$82^\circ.500 - 82^\circ.450$

7°.550 — 7°.600

7°	sin	d	tang	d	cotg	cos	d		P.P.
·550	9.118 567		9.122 348		0.877 652	9.996 219		·450	
		57		58			2		
551	9.118 624		9.122 406		0.877 594	9.996 217		449	
552	9.118 681	57	9.122 465	59	0.877 535	9.996 216	1	448	
553	9.118 738	57	9.122 523	58	0.877 477	9.996 215	1	447	
		57		58			1		
554	9.118 795		9.122 581		0.877 419	9.996 214		446	
555	9.118 853	58	9.122 639	58	0.877 361	9.996 213	1	445	
556	9.118 910	57	9.122 697	58	0.877 303	9.996 212	1	444	
		57		58			1		
557	9.118 967		9.122 755		0.877 245	9.996 211		443	
558	9.119 024	57	9.122 814	59	0.877 186	9.996 210	1	442	
559	9.119 081	57	9.122 872	58	0.877 128	9.996 209	1	441	
		57		58			1		
·560	9.119 138		9.122 930		0.877 070	9.996 208		·440	
		57		58			1		
561	9.119 195		9.122 988		0.877 012	9.996 207		439	
562	9.119 252	57	9.123 046	58	0.876 954	9.996 206	1	438	
563	9.119 310	58	9.123 104	58	0.876 896	9.996 205	1	437	
		57		58			1		
564	9.119 367		9.123 162		0.876 838	9.996 204		436	
565	9.119 424	57	9.123 220	58	0.876 780	9.996 203	1	435	
566	9.119 481	57	9.123 278	58	0.876 722	9.996 202	1	434	
		57		58			1		
567	9.119 538		9.123 336		0.876 664	9.996 201		433	
568	9.119 595	57	9.123 395	59	0.876 605	9.996 200	1	432	
569	9.119 652	57	9.123 453	58	0.876 547	9.996 199	1	431	
		57		58			1		
·570	9.119 709		9.123 511		0.876 489	9.996 198		·430	
		57		58			1		
571	9.119 766		9.123 569		0.876 431	9.996 197		429	
572	9.119 823	57	9.123 627	58	0.876 373	9.996 196	1	428	
573	9.119 880	57	9.123 685	58	0.876 315	9.996 195	1	427	
		57		58			1		
574	9.119 937		9.123 743		0.876 257	9.996 194		426	
575	9.119 994	57	9.123 801	58	0.876 199	9.996 193	1	425	
576	9.120 051	57	9.123 859	58	0.876 141	9.996 192	1	424	
		57		58			1		
577	9.120 108		9.123 917		0.876 083	9.996 191		423	
578	9.120 165	57	9.123 975	58	0.876 025	9.996 190	1	422	
579	9.120 222	57	9.124 033	58	0.875 967	9.996 189	1	421	
		57		58			1		
·580	9.120 279		9.124 091		0.875 909	9.996 188		·420	
		57		58			1		
581	9.120 336		9.124 149		0.875 851	9.996 187		419	
582	9.120 393	57	9.124 207	58	0.875 793	9.996 186	1	418	
583	9.120 450	57	9.124 265	58	0.875 735	9.996 185	1	417	
		57		57			1		
584	9.120 507		9.124 322		0.875 678	9.996 184		416	
585	9.120 564	57	9.124 380	58	0.875 620	9.996 183	1	415	
586	9.120 621	57	9.124 438	58	0.875 562	9.996 182	1	414	
		57		58			1		
587	9.120 678		9.124 496		0.875 504	9.996 181		413	
588	9.120 734	56	9.124 554	58	0.875 446	9.996 180	1	412	
589	9.120 791	57	9.124 612	58	0.875 388	9.996 179	1	411	
		57		58			1		
·590	9.120 848		9.124 670		0.875 330	9.996 178		·410	
		57		58			1		
591	9.120 905		9.124 728		0.875 272	9.996 177		409	
592	9.120 962	57	9.124 786	58	0.875 214	9.996 176	1	408	
593	9.121 019	57	9.124 844	58	0.875 156	9.996 175	1	407	
		57		58			1		
594	9.121 076		9.124 902		0.875 098	9.996 174		406	
595	9.121 133	57	9.124 959	57	0.875 041	9.996 173	1	405	
596	9.121 189	56	9.125 017	58	0.874 983	9.996 172	1	404	
		57		58			1		
597	9.121 246		9.125 075		0.874 925	9.996 171		403	
598	9.121 303	57	9.125 133	58	0.874 867	9.996 170	1	402	
599	9.121 360	57	9.125 191	58	0.874 809	9.996 169	1	401	
		57		58			1		
.600	9.121 417		9.125 249		0.874 751	9.996 168		·400	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

	57
1	5.7
2	11.4
3	17.1
4	22.8
5	28.5
6	34.2
7	39.9
8	45.6
9	51.3

	56
1	5.6
2	11.2
3	16.8
4	22.4
5	28.0
6	33.6
7	39.2
8	44.8
9	50.4

82°.450 — 82°.400

7°.600 — 7°.650

7°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.121 417		9.125 249		0.874 751	9.996 168		**.400**	
		56		57			1		
601	9.121 473		9.125 306		0.874 694	9.996 167		399	
602	9.121 530	57	9.125 364	58	0.874 636	9.996 166	1	398	
603	9.121 587	57	9.125 422	58	0.874 578	9.996 165	1	397	
		57		58			1		
604	9.121 644		9.125 480		0.874 520	9.996 164		396	
605	9.121 701	57	9.125 538	58	0.874 462	9.996 163	1	395	
606	9.121 757	56	9.125 595	57	0.874 405	9.996 162	1	394	
		57		58			1		
607	9.121 814		9.125 653		0.874 347	9.996 161		393	
608	9.121 871	57	9.125 711	58	0.874 289	9.996 160	1	392	
609	9.121 928	57	9.125 769	58	0.874 231	9.996 159	1	391	
		56		57			1		
.610	9.121 984		9.125 826		0.874 174	9.996 158		**.390**	
		57		58			1		
611	9.122 041		9.125 884		0.874 116	9.996 157		389	
612	9.122 098	57	9.125 942	58	0.874 058	9.996 156	1	388	
613	9.122 155	57	9.126 000	58	0.874 000	9.996 155	1	387	
		56		57			1		
614	9.122 211		9.126 057		0.873 943	9.996 154		386	
615	9.122 268	57	9.126 115	58	0.873 885	9.996 153	1	385	
616	9.122 325	57	9.126 173	58	0.873 827	9.996 152	1	384	
		56		57			1		
617	9.122 381		9.126 230		0.873 770	9.996 151		383	
618	9.122 438	57	9.126 288	58	0.873 712	9.996 150	1	382	
619	9.122 495	57	9.126 346	58	0.873 654	9.996 149	1	381	
		56		57			1		
.620	9.122 551		9.126 403		0.873 597	9.996 148		**.380**	
		57		58			1		
621	9.122 608		9.126 461		0.873 539	9.996 147		379	
622	9.122 665	57	9.126 519	58	0.873 481	9.996 146	1	378	
623	9.122 721	56	9.126 576	57	0.873 424	9.996 145	1	377	
		57		58			1		
624	9.122 778		9.126 634		0.873 366	9.996 144		376	
625	9.122 835	57	9.126 692	58	0.873 308	9.996 143	1	375	
626	9.122 891	56	9.126 749	57	0.873 251	9.996 142	1	374	
		57		58			1		
627	9.122 948		9.126 807		0.873 193	9.996 141		373	
628	9.123 004	56	9.126 865	58	0.873 135	9.996 140	1	372	
629	9.123 061	57	9.126 922	57	0.873 078	9.996 139	1	371	
		57		58			1		
.630	9.123 118		9.126 980		0.873 020	9.996 138		**.370**	
		56		57			1		
631	9.123 174		9.127 037		0.872 963	9.996 137		369	
632	9.123 231	57	9.127 095	58	0.872 905	9.996 136	1	368	
633	9.123 287	56	9.127 153	58	0.872 847	9.996 135	1	367	
		57		57			1		
634	9.123 344		9.127 210		0.872 790	9.996 134		366	
635	9.123 400	56	9.127 268	58	0.872 732	9.996 133	1	365	
636	9.123 457	57	9.127 325	57	0.872 675	9.996 132	1	364	
		56		58			1		
637	9.123 513		9.127 383		0.872 617	9.996 131		363	
638	9.123 570	57	9.127 440	57	0.872 560	9.996 130	1	362	
639	9.123 626	56	9.127 498	58	0.872 502	9.996 129	1	361	
		57		57			1		
.640	9.123 683		9.127 555		0.872 445	9.996 128		**.360**	
		56		58			1		
641	9.123 739		9.127 613		0.872 387	9.996 127		359	
642	9.123 796	57	9.127 670	57	0.872 330	9.996 126	1	358	
643	9.123 852	56	9.127 728	58	0.872 272	9.996 124	2	357	
		57		57			1		
644	9.123 909		9.127 785		0.872 215	9.996 123		356	
645	9.123 965	56	9.127 843	58	0.872 157	9.996 122	1	355	
646	9.124 022	57	9.127 900	57	0.872 100	9.996 121	1	354	
		56		58			1		
647	9.124 078		9.127 958		0.872 042	9.996 120		353	
648	9.124 135	57	9.128 015	57	0.871 985	9.996 119	1	352	
649	9.124 191	56	9.128 073	58	0.871 927	9.996 118	1	351	
		57		57			1		
.650	9.124 248		9.128 130		0.871 870	9.996 117		**.350**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

	57
1	5.7
2	11.4
3	17.1
4	22.8
5	28.5
6	34.2
7	39.9
8	45.6
9	51.3

	56
1	5.6
2	11.2
3	16.8
4	22.4
5	28.0
6	33.6
7	39.2
8	44.8
9	50.4

82°.400 — 82°.350

7°.650 — 7°.700

7°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.124 248		9.128 130		0.871 870	9.996 117		**.350**	
		56		58			1		
651	9.124 304		9.128 188		0.871 812	9.996 116		349	
652	9.124 361	57	9.128 245	57	0.871 755	9.996 115	1	348	
653	9.124 417	56	9.128 303	58	0.871 697	9.996 114	1	347	
		56		57			1		
654	9.124 473		9.128 360		0.871 640	9.996 113		346	
655	9.124 530	57	9.128 417	57	0.871 583	9.996 112	1	345	
656	9.124 586	56	9.128 475	58	0.871 525	9.996 111	1	344	
		57		57			1		
657	9.124 643		9.128 532		0.871 468	9.996 110		343	
658	9.124 699	56	9.128 590	58	0.871 410	9.996 109	1	342	
659	9.124 755	56	9.128 647	57	0.871 353	9.996 108	1	341	
		57		57			1		
.660	9.124 812		9.128 704		0.871 296	9.996 107		**.340**	
		56		58			1		
661	9.124 868		9.128 762		0.871 238	9.996 106		339	
662	9.124 924	56	9.128 819	57	0.871 181	9.996 105	1	338	
663	9.124 981	57	9.128 877	58	0.871 123	9.996 104	1	337	
		56		57			1		
664	9.125 037		9.128 934		0.871 066	9.996 103		336	
665	9.125 093	56	9.128 991	57	0.871 009	9.996 102	1	335	
666	9.125 150	57	9.129 049	58	0.870 951	9.996 101	1	334	
		56		57			1		
667	9.125 206		9.129 106		0.870 894	9.996 100		333	
668	9.125 262	56	9.129 163	57	0.870 837	9.996 099	1	332	
669	9.125 319	57	9.129 221	58	0.870 779	9.996 098	1	331	
		56		57			1		
.670	9.125 375		9.129 278		0.870 722	9.996 097		**.330**	
		56		57			1		
671	9.125 431		9.129 335		0.870 665	9.996 096		329	
672	9.125 487	56	9.129 392	57	0.870 608	9.996 095	1	328	
673	9.125 544	57	9.129 450	58	0.870 550	9.996 094	1	327	
		56		57			1		
674	9.125 600		9.129 507		0.870 493	9.996 093		326	
675	9.125 656	56	9.129 564	57	0.870 436	9.996 092	1	325	
676	9.125 712	56	9.129 622	58	0.870 378	9.996 091	1	324	
		57		57			1		
677	9.125 769		9.129 679		0.870 321	9.996 090		323	
678	9.125 825	56	9.129 736	57	0.870 264	9.996 089	1	322	
679	9.125 881	56	9.129 793	57	0.870 207	9.996 088	1	321	
		56		58			1		
.680	9.125 937		9.129 851		0.870 149	9.996 087		**.320**	
		57		57			1		
681	9.125 994		9.129 908		0.870 092	9.996 086		319	
682	9.126 050	56	9.129 965	57	0.870 035	9.996 085	1	318	
683	9.126 106	56	9.130 022	57	0.869 978	9.996 084	1	317	
		56		57			1		
684	9.126 162		9.130 079		0.869 921	9.996 083		316	
685	9.126 218	56	9.130 137	58	0.869 863	9.996 082	1	315	
686	9.126 274	56	9.130 194	57	0.869 806	9.996 081	1	314	
		57		57			1		
687	9.126 331		9.130 251		0.869 749	9.996 080		313	
688	9.126 387	56	9.130 308	57	0.869 692	9.996 079	1	312	
689	9.126 443	56	9.130 365	57	0.869 635	9.996 078	1	311	
		56		58			1		
.690	9.126 499		9.130 423		0.869 577	9.996 077		**.310**	
		56		57			1		
691	9.126 555		9.130 480		0.869 520	9.996 076		309	
692	9.126 611	56	9.130 537	57	0.869 463	9.996 074	2	308	
693	9.126 667	56	9.130 594	57	0.869 406	9.996 073	1	307	
		57		57			1		
694	9.126 724		9.130 651		0.869 349	9.996 072		306	
695	9.126 780	56	9.130 708	57	0.869 292	9.996 071	1	305	
696	9.126 836	56	9.130 765	57	0.869 235	9.996 070	1	304	
		56		57			1		
697	9.126 892		9.130 822		0.869 178	9.996 069		303	
698	9.126 948	56	9.130 880	58	0.869 120	9.996 068	1	302	
699	9.127 004	56	9.130 937	57	0.869 063	9.996 067	1	301	
		56		57			1		
.700	9.127 060		9.130 994		0.869 006	9.996 066		**.300**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

	57
1	5.7
2	11.4
3	17.1
4	22.8
5	28.5
6	34.2
7	39.9
8	45.6
9	51.3

	56
1	5.6
2	11.2
3	16.8
4	22.4
5	28.0
6	33.6
7	39.2
8	44.8
9	50.4

82°.350 — 82°.300

7°.700 — 7°.750

7°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.127 060		9.130 994		0.869 006	9.996 066		.300	
		56		57			1		
701	9.127 116		9.131 051		0.868 949	9.996 065		299	
702	9.127 172	56	9.131 108	57	0.868 892	9.996 064	1	298	
703	9.127 228	56	9.131 165	57	0.868 835	9.996 063	1	297	
		56		57			1		
704	9.127 284		9.131 222		0.868 778	9.996 062		296	
705	9.127 340	56	9.131 279	57	0.868 721	9.996 061	1	295	
706	9.127 396	56	9.131 336	57	0.868 664	9.996 060	1	294	
		56		57			1		
707	9.127 452		9.131 393		0.868 607	9.996 059		293	
708	9.127 508	56	9.131 450	57	0.868 550	9.996 058	1	292	
709	9.127 564	56	9.131 507	57	0.868 493	9.996 057	1	291	
		56		57			1		
.710	9.127 620		9.131 564		0.868 436	9.996 056		.290	
		56		57			1		
711	9.127 676		9.131 621		0.868 379	9.996 055		289	
712	9.127 732	56	9.131 678	57	0.868 322	9.996 054	1	288	
713	9.127 788	56	9.131 735	57	0.868 265	9.996 053	1	287	
		56		57			1		
714	9.127 844		9.131 792		0.868 208	9.996 052		286	
715	9.127 900	56	9.131 849	57	0.868 151	9.996 051	1	285	
716	9.127 956	56	9.131 906	57	0.868 094	9.996 050	1	284	
		56		57			1		
717	9.128 012		9.131 963		0.868 037	9.996 049		283	
718	9.128 068	56	9.132 020	57	0.867 980	9.996 048	1	282	
719	9.128 124	56	9.132 077	57	0.867 923	9.996 047	1	281	
		56		57			1		
.720	9.128 180		9.132 134		0.867 866	9.996 046		.280	
		56		57			1		
721	9.128 236		9.132 191		0.867 809	9.996 045		279	
722	9.128 292	56	9.132 248	57	0.867 752	9.996 044	1	278	
723	9.128 348	56	9.132 305	57	0.867 695	9.996 043	1	277	
		55		57			1		
724	9.128 403		9.132 362		0.867 638	9.996 042		276	
725	9.128 459	56	9.132 419	57	0.867 581	9.996 041	1	275	
726	9.128 515	56	9.132 476	57	0.867 524	9.996 040	1	274	
		56		56			1		
727	9.128 571		9.132 532		0.867 468	9.996 039		273	
728	9.128 627	56	9.132 589	57	0.867 411	9.996 038	1	272	
729	9.128 683	56	9.132 646	57	0.867 354	9.996 037	1	271	
		56		57			2		
.730	9.128 739		9.132 703		0.867 297	9.996 035		.270	
		55		57			1		
731	9.128 794		9.132 760		0.867 240	9.996 034		269	
732	9.128 850	56	9.132 817	57	0.867 183	9.996 033	1	268	
733	9.128 906	56	9.132 874	57	0.867 126	9.996 032	1	267	
		56		57			1		
734	9.128 962		9.132 931		0.867 069	9.996 031		266	
735	9.129 018	56	9.132 987	56	0.867 013	9.996 030	1	265	
736	9.129 073	55	9.133 044	57	0.866 956	9.996 029	1	264	
		56		57			1		
737	9.129 129		9.133 101		0.866 899	9.996 028		263	
738	9.129 185	56	9.133 158	57	0.866 842	9.996 027	1	262	
739	9.129 241	56	9.133 215	57	0.866 785	9.996 026	1	261	
		56		56			1		
.740	9.129 297		9.133 271		0.866 729	9.996 025		.260	
		55		57			1		
741	9.129 352		9.133 328		0.866 672	9.996 024		259	
742	9.129 408	56	9.133 385	57	0.866 615	9.996 023	1	258	
743	9.129 464	56	9.133 442	57	0.866 558	9.996 022	1	257	
		56		57			1		
744	9.129 520		9.133 499		0.866 501	9.996 021		256	
745	9.129 575	55	9.133 555	56	0.866 445	9.996 020	1	255	
746	9.129 631	56	9.133 612	57	0.866 388	9.996 019	1	254	
		56		57			1		
747	9.129 687		9.133 669		0.866 331	9.996 018		253	
748	9.129 743	56	9.133 726	57	0.866 274	9.996 017	1	252	
749	9.129 798	55	9.133 782	56	0.866 218	9.996 016	1	251	
		56		57			1		
.750	9.129 854		9.133 839		0.866 161	9.996 015		.250	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

	57
1	5.7
2	11.4
3	17.1
4	22.8
5	28.5
6	34.2
7	39.9
8	45.6
9	51.3

	56
1	5.6
2	11.2
3	16.8
4	22.4
5	28.0
6	33.6
7	39.2
8	44.8
9	50.4

	55
1	5.5
2	11.0
3	16.5
4	22.0
5	27.5
6	33.0
7	38.5
8	44.0
9	49.5

82°.300 — 82°.250

7°.750 — 7°.800

7°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.129 854		9.133 839		0.866 161	9.996 015		**.250**	
		56		57			1		
751	9.129 910		9.133 896		0.866 104	9.996 014		249	
752	9.129 965	55	9.133 953	57	0.866 047	9.996 013	1	248	
753	9.130 021	56	9.134 009	56	0.865 991	9.996 012	1	247	
		56		57			1		
754	9.130 077		9.134 066		0.865 934	9.996 011		246	
755	9.130 132	55	9.134 123	57	0.865 877	9.996 010	1	245	
756	9.130 188	56	9.134 179	56	0.865 821	9.996 009	1	244	
		56		57			1		
757	9.130 244		9.134 236		0.865 764	9.996 008		243	
758	9.130 299	55	9.134 293	57	0.865 707	9.996 007	1	242	
759	9.130 355	56	9.134 349	56	0.865 651	9.996 006	1	241	
		56		57			1		
.760	9.130 411		9.134 406		0.865 594	9.996 005		**.240**	
		55		57			1		
761	9.130 466		9.134 463		0.865 537	9.996 004		239	
762	9.130 522	56	9.134 519	56	0.865 481	9.996 002	2	238	
763	9.130 577	55	9.134 576	57	0.865 424	9.996 001	1	237	
		56		57			1		
764	9.130 633		9.134 633		0.865 367	9.996 000		236	
765	9.130 689	56	9.134 689	56	0.865 311	9.995 999	1	235	
766	9.130 744	55	9.134 746	57	0.865 254	9.995 998	1	234	
		56		56			1		
767	9.130 800		9.134 802		0.865 198	9.995 997		233	
768	9.130 855	55	9.134 859	57	0.865 141	9.995 996	1	232	
769	9.130 911	56	9.134 916	57	0.865 084	9.995 995	1	231	
		55		56			1		
.770	9.130 966		9.134 972		0.865 028	9.995 994		**.230**	
		56		57			1		
771	9.131 022		9.135 029		0.864 971	9.995 993		229	
772	9.131 077	55	9.135 085	56	0.864 915	9.995 992	1	228	
773	9.131 133	56	9.135 142	57	0.864 858	9.995 991	1	227	
		56		56			1		
774	9.131 189		9.135 198		0.864 802	9.995 990		226	
775	9.131 244	55	9.135 255	57	0.864 745	9.995 989	1	225	
776	9.131 300	56	9.135 312	57	0.864 688	9.995 988	1	224	
		55		56			1		
777	9.131 355		9.135 368		0.864 632	9.995 987		223	
778	9.131 411	56	9.135 425	57	0.864 575	9.995 986	1	222	
779	9.131 466	55	9.135 481	56	0.864 519	9.995 985	1	221	
		56		57			1		
.780	9.131 522		9.135 538		0.864 462	9.995 984		**.220**	
		55		56			1		
781	9.131 577		9.135 594		0.864 406	9.995 983		219	
782	9.131 632	55	9.135 651	57	0.864 349	9.995 982	1	218	
783	9.131 688	56	9.135 707	56	0.864 293	9.995 981	1	217	
		55		57			1		
784	9.131 743		9.135 764		0.864 236	9.995 980		216	
785	9.131 799	56	9.135 820	56	0.864 180	9.995 979	1	215	
786	9.131 854	55	9.135 877	57	0.864 123	9.995 978	1	214	
		56		56			1		
787	9.131 910		9.135 933		0.864 067	9.995 977		213	
788	9.131 965	55	9.135 990	57	0.864 010	9.995 976	1	212	
789	9.132 021	56	9.136 046	56	0.863 954	9.995 975	1	211	
		55		56			1		
.790	9.132 076		9.136 102		0.863 898	9.995 974		**.210**	
		55		57			2		
791	9.132 131		9.136 159		0.863 841	9.995 972		209	
792	9.132 187	56	9.136 215	56	0.863 785	9.995 971	1	208	
793	9.132 242	55	9.136 272	57	0.863 728	9.995 970	1	207	
		56		56			1		
794	9.132 298		9.136 328		0.863 672	9.995 969		206	
795	9.132 353	55	9.136 385	57	0.863 615	9.995 968	1	205	
796	9.132 408	55	9.136 441	56	0.863 559	9.995 967	1	204	
		56		56			1		
797	9.132 464		9.136 497		0.863 503	9.995 966		203	
798	9.132 519	55	9.136 554	57	0.863 446	9.995 965	1	202	
799	9.132 574	55	9.136 610	56	0.863 390	9.995 964	1	201	
		56		57			1		
.800	9.132 630		9.136 667		0.863 333	9.995 963		**.200**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	57
1	5.7
2	11.4
3	17.1
4	22.8
5	28.5
6	34.2
7	39.9
8	45.6
9	51.3

	56
1	5.6
2	11.2
3	16.8
4	22.4
5	28.0
6	33.6
7	39.2
8	44.8
9	50.4

	55
1	5.5
2	11.0
3	16.5
4	22.0
5	27.5
6	33.0
7	38.5
8	44.0
9	49.5

82°.250 — 82°.200

7°.800 — 7°.850

7°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.132 630		9.136 667		0.863 333	9.995 963		**.200**	
		55		56			1		
801	9.132 685		9.136 723		0.863 277	9.995 962		199	
802	9.132 740	55	9.136 779	56	0.863 221	9.995 961	1	198	
803	9.132 796	56	9.136 836	57	0.863 164	9.995 960	1	197	
		55		56			1		
804	9.132 851		9.136 892		0.863 108	9.995 959		196	
805	9.132 906	55	9.136 948	56	0.863 052	9.995 958	1	195	
806	9.132 962	56	9.137 005	57	0.862 995	9.995 957	1	194	
		55		56			1		57
807	9.133 017		9.137 061		0.862 939	9.995 956		193	1 5.7
808	9.133 072	55	9.137 117	56	0.862 883	9.995 955	1	192	2 11.4
809	9.133 127	55	9.137 174	57	0.862 826	9.995 954	1	191	3 17.1
		56		56			1		4 22.8
.810	9.133 183		9.137 230		0.862 770	9.995 953		**.190**	5 28.5
		55		56			1		6 34.2
811	9.133 238		9.137 286		0.862 714	9.995 952		189	7 39.9
812	9.133 293	55	9.137 343	57	0.862 657	9.995 951	1	188	8 45.6
813	9.133 348	55	9.137 399	56	0.862 601	9.995 950	1	187	9 51.3
		56		56			1		
814	9.133 404		9.137 455		0.862 545	9.995 949		186	
815	9.133 459	55	9.137 511	56	0.862 489	9.995 948	1	185	
816	9.133 514	55	9.137 568	57	0.862 432	9.995 947	1	184	
		55		56			2		
817	9.133 569		9.137 624		0.862 376	9.995 945		183	
818	9.133 625	56	9.137 680	56	0.862 320	9.995 944	1	182	
819	9.133 680	55	9.137 736	56	0.862 264	9.995 943	1	181	
		55		57			1		
.820	9.133 735		9.137 793		0.862 207	9.995 942		**.180**	
		55		56			1		56
821	9.133 790		9.137 849		0.862 151	9.995 941		179	1 5.6
822	9.133 845	55	9.137 905	56	0.862 095	9.995 940	1	178	2 11.2
823	9.133 900	55	9.137 961	56	0.862 039	9.995 939	1	177	3 16.8
		56		56			1		4 22.4
824	9.133 956		9.138 017		0.861 983	9.995 938		176	5 28.0
825	9.134 011	55	9.138 074	57	0.861 926	9.995 937	1	175	6 33.6
826	9.134 066	55	9.138 130	56	0.861 870	9.995 936	1	174	7 39.2
		55		56			1		8 44.8
827	9.134 121		9.138 186		0.861 814	9.995 935		173	9 50.4
828	9.134 176	55	9.138 242	56	0.861 758	9.995 934	1	172	
829	9.134 231	55	9.138 298	56	0.861 702	9.995 933	1	171	
		55		57			1		
.830	9.134 286		9.138 355		0.861 645	9.995 932		**.170**	
		56		56			1		
831	9.134 342		9.138 411		0.861 589	9.995 931		169	
832	9.134 397	55	9.138 467	56	0.861 533	9.995 930	1	168	
833	9.134 452	55	9.138 523	56	0.861 477	9.995 929	1	167	
		55		56			1		
834	9.134 507		9.138 579		0.861 421	9.995 928		166	
835	9.134 562	55	9.138 635	56	0.861 365	9.995 927	1	165	
836	9.134 617	55	9.138 691	56	0.861 309	9.995 926	1	164	55
		55		57			1		
837	9.134 672		9.138 748		0.861 252	9.995 925		163	1 5.5
838	9.134 727	55	9.138 804	56	0.861 196	9.995 924	1	162	2 11.0
839	9.134 782	55	9.138 860	56	0.861 140	9.995 923	1	161	3 16.5
		55		56			2		4 22.0
.840	9.134 837		9.138 916		0.861 084	9.995 921		**.160**	5 27.5
		55		56			1		6 33.0
841	9.134 892		9.138 972		0.861 028	9.995 920		159	7 38.5
842	9.134 947	55	9.139 028	56	0.860 972	9.995 919	1	158	8 44.0
843	9.135 002	55	9.139 084	56	0.860 916	9.995 918	1	157	9 49.5
		55		56			1		
844	9.135 057		9.139 140		0.860 860	9.995 917		156	
845	9.135 112	55	9.139 196	56	0.860 804	9.995 916	1	155	
846	9.135 167	55	9.139 252	56	0.860 748	9.995 915	1	154	
		55		56			1		
847	9.135 222		9.139 308		0.860 692	9.995 914		153	
848	9.135 277	55	9.139 364	56	0.860 636	9.995 913	1	152	
849	9.135 332	55	9.139 420	56	0.860 580	9.995 912	1	151	
		55		56			1		
.850	9.135 387		9.139 476		0.860 524	9.995 911		**.150**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

82°.200 — 82°.150

$7^\circ.850 - 7^\circ.900$

7°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.135 387		9.139 476		0.860 524	9.995 911		**.150**	
		55		56			1		
851	9.135 442		9.139 532		0.860 468	9.995 910		149	
852	9.135 497	55	9.139 588	56	0.860 412	9.995 909	1	148	
853	9.135 552	55	9.139 644	56	0.860 356	9.995 908	1	147	
		55		56			1		
854	9.135 607		9.139 700		0.860 300	9.995 907		146	
855	9.135 662	55	9.139 756	56	0.860 244	9.995 906	1	145	
856	9.135 717	55	9.139 812	56	0.860 188	9.995 905	1	144	
		55		56			1		
857	9.135 772		9.139 868		0.860 132	9.995 904		143	
858	9.135 827	55	9.139 924	56	0.860 076	9.995 903	1	142	
859	9.135 882	55	9.139 980	56	0.860 020	9.995 902	1	141	
		55		56			1		
.860	9.135 937		9.140 036		0.859 964	9.995 901		**.140**	
		55		56			1		
861	9.135 992		9.140 092		0.859 908	9.995 900		139	
862	9.136 047	55	9.140 148	56	0.859 852	9.995 898	2	138	
863	9.136 102	55	9.140 204	56	0.859 796	9.995 897	1	137	
		54		56			1		
864	9.136 156		9.140 260		0.859 740	9.995 896		136	
865	9.136 211	55	9.140 316	56	0.859 684	9.995 895	1	135	
866	9.136 266	55	9.140 372	56	0.859 628	9.995 894	1	134	
		55		56			1		
867	9.136 321		9.140 428		0.859 572	9.995 893		133	
868	9.136 376	55	9.140 484	56	0.859 516	9.995 892	1	132	
869	9.136 431	55	9.140 540	56	0.859 460	9.995 891	1	131	
		55		55			1		
.870	9.136 486		9.140 595		0.859 405	9.995 890		**.130**	
		54		56			1		
871	9.136 540		9.140 651		0.859 349	9.995 889		129	
872	9.136 595	55	9.140 707	56	0.859 293	9.995 888	1	128	
873	9.136 650	55	9.140 763	56	0.859 237	9.995 887	1	127	
		55		56			1		
874	9.136 705		9.140 819		0.859 181	9.995 886		126	
875	9.136 760	55	9.140 875	56	0.859 125	9.995 885	1	125	
876	9.136 814	54	9.140 931	56	0.859 069	9.995 884	1	124	
		55		55			1		
877	9.136 869		9.140 986		0.859 014	9.995 883		123	
878	9.136 924	55	9.141 042	56	0.858 958	9.995 882	1	122	
879	9.136 979	55	9.141 098	56	0.858 902	9.995 881	1	121	
		55		56			1		
.880	9.137 034		9.141 154		0.858 846	9.995 880		**.120**	
		54		56			1		
881	9.137 088		9.141 210		0.858 790	9.995 879		119	
882	9.137 143	55	9.141 266	56	0.858 734	9.995 878	1	118	
883	9.137 198	55	9.141 321	55	0.858 679	9.995 876	2	117	
		55		56			1		
884	9.137 253		9.141 377		0.858 623	9.995 875		116	
885	9.137 307	54	9.141 433	56	0.858 567	9.995 874	1	115	
886	9.137 362	55	9.141 489	56	0.858 511	9.995 873	1	114	
		55		56			1		
887	9.137 417		9.141 545		0.858 455	9.995 872		113	
888	9.137 472	55	9.141 600	55	0.858 400	9.995 871	1	112	
889	9.137 526	54	9.141 656	56	0.858 344	9.995 870	1	111	
		55		56			1		
.890	9.137 581		9.141 712		0.858 288	9.995 869		**.110**	
		55		56			1		
891	9.137 636		9.141 768		0.858 232	9.995 868		109	
892	9.137 690	54	9.141 823	55	0.858 177	9.995 867	1	108	
893	9.137 745	55	9.141 879	56	0.858 121	9.995 866	1	107	
		55		56			1		
894	9.137 800		9.141 935		0.858 065	9.995 865		106	
895	9.137 854	54	9.141 990	55	0.858 010	9.995 864	1	105	
896	9.137 909	55	9.142 046	56	0.857 954	9.995 863	1	104	
		55		56			1		
897	9.137 964		9.142 102		0.857 898	9.995 862		103	
898	9.138 018	54	9.142 158	56	0.857 842	9.995 861	1	102	
899	9.138 073	55	9.142 213	55	0.857 787	9.995 860	1	101	
		55		56			1		
.900	9.138 128		9.142 269		0.857 731	9.995 859		**.100**	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

	56
1	5.6
2	11.2
3	16.8
4	22.4
5	28.0
6	33.6
7	39.2
8	44.8
9	50.4

	55
1	5.5
2	11.0
3	16.5
4	22.0
5	27.5
6	33.0
7	38.5
8	44.0
9	49.5

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

$82^\circ.150 - 82^\circ.100$

7°.900 — 7°.950

7°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.138 128		9.142 269		0.857 731	9.995 859		.100	
		54		56			1		
901	9.138 182		9.142 325		0.857 675	9.995 858		099	
902	9.138 237	55	9.142 380	55	0.857 620	9.995 857	1	098	
903	9.138 291	54	9.142 436	56	0.857 564	9.995 855	2	097	
		55		56			1		
904	9.138 346		9.142 492		0.857 508	9.995 854		096	
905	9.138 401	55	9.142 547	55	0.857 453	9.995 853	1	095	
906	9.138 455	54	9.142 603	56	0.857 397	9.995 852	1	094	
		55		55			1		
907	9.138 510		9.142 658		0.857 342	9.995 851		093	
908	9.138 564	54	9.142 714	56	0.857 286	9.995 850	1	092	
909	9.138 619	55	9.142 770	56	0.857 230	9.995 849	1	091	
		54		55			1		
.910	9.138 673		9.142 825		0.857 175	9.995 848		.090	
		55		56			1		
911	9.138 728		9.142 881		0.857 119	9.995 847		089	
912	9.138 783	55	9.142 937	56	0.857 063	9.995 846	1	088	
913	9.138 837	54	9.142 992	55	0.857 008	9.995 845	1	087	
		55		56			1		
914	9.138 892		9.143 048		0.856 952	9.995 844		086	
915	9.138 946	54	9.143 103	55	0.856 897	9.995 843	1	085	
916	9.139 001	55	9.143 159	56	0.856 841	9.995 842	1	084	
		54		55			1		
917	9.139 055		9.143 214		0.856 786	9.995 841		083	
918	9.139 110	55	9.143 270	56	0.856 730	9.995 840	1	082	
919	9.139 164	54	9.143 326	56	0.856 674	9.995 839	1	081	
		55		55			1		
.920	9.139 219		9.143 381		0.856 619	9.995 838		.080	
		54		56			1		
921	9.139 273		9.143 437		0.856 563	9.995 837		079	
922	9.139 328	55	9.143 492	55	0.856 508	9.995 835	2	078	
923	9.139 382	54	9.143 548	56	0.856 452	9.995 834	1	077	
		55		55			1		
924	9.139 437		9.143 603		0.856 397	9.995 833		076	
925	9.139 491	54	9.143 659	56	0.856 341	9.995 832	1	075	
926	9.139 545	54	9.143 714	55	0.856 286	9.995 831	1	074	
		55		56			1		
927	9.139 600		9.143 770		0.856 230	9.995 830		073	
928	9.139 654	54	9.143 825	55	0.856 175	9.995 829	1	072	
929	9.139 709	55	9.143 881	56	0.856 119	9.995 828	1	071	
		54		55			1		
.930	9.139 763		9.143 936		0.856 064	9.995 827		.070	
		55		56			1		
931	9.139 818		9.143 992		0.856 008	9.995 826		069	
932	9.139 872	54	9.144 047	55	0.855 953	9.995 825	1	068	
933	9.139 926	54	9.144 102	55	0.855 898	9.995 824	1	067	
		55		56			1		
934	9.139 981		9.144 158		0.855 842	9.995 823		066	
935	9.140 035	54	9.144 213	55	0.855 787	9.995 822	1	065	
936	9.140 089	54	9.144 269	56	0.855 731	9.995 821	1	064	
		55		55			1		
937	9.140 144		9.144 324		0.855 676	9.995 820		063	
938	9.140 198	54	9.144 380	56	0.855 620	9.995 819	1	062	
939	9.140 253	55	9.144 435	55	0.855 565	9.995 818	1	061	
		54		55			2		
.940	9.140 307		9.144 490		0.855 510	9.995 816		.060	
		54		56			1		
941	9.140 361		9.144 546		0.855 454	9.995 815		059	
942	9.140 416	55	9.144 601	55	0.855 399	9.995 814	1	058	
943	9.140 470	54	9.144 657	56	0.855 343	9.995 813	1	057	
		54		55			1		
944	9.140 524		9.144 712		0.855 288	9.995 812		056	
945	9.140 579	55	9.144 767	55	0.855 233	9.995 811	1	055	
946	9.140 633	54	9.144 823	56	0.855 177	9.995 810	1	054	
		54		55			1		
947	9.140 687		9.144 878		0.855 122	9.995 809		053	
948	9.140 741	54	9.144 933	55	0.855 067	9.995 808	1	052	
949	9.140 796	55	9.144 989	56	0.855 011	9.995 807	1	051	
		54		55			1		
.950	9.140 850		9.145 044		0.854 956	9.995 806		.050	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

	56
1	5.6
2	11.2
3	16.8
4	22.4
5	28.0
6	33.6
7	39.2
8	44.8
9	50.4

	55
1	5.5
2	11.0
3	16.5
4	22.0
5	27.5
6	33.0
7	38.5
8	44.0
9	49.5

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

82°.100 — 82°.050

$7^\circ.950 - 8^\circ.000$

7°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.140 850		9.145 044		0.854 956	9.995 806		.050	
		54		56			1		
951	9.140 904		9.145 100		0.854 900	9.995 805		049	
952	9.140 959	55	9.145 155	55	0.854 845	9.995 804	1	048	
953	9.141 013	54	9.145 210	55	0.854 790	9.995 803	1	047	
		54		55			1		56
954	9.141 067		9.145 265		0.854 735	9.995 802		046	1 5.6
955	9.141 121	54	9.145 321	56	0.854 679	9.995 801	1	045	2 11.2
956	9.141 176	55	9.145 376	55	0.854 624	9.995 800	1	044	3 16.8
		54		55			2		4 22.4
957	9.141 230		9.145 431		0.854 569	9.995 798		043	5 28.0
958	9.141 284	54	9.145 487	56	0.854 513	9.995 797	1	042	6 33.6
959	9.141 338	54	9.145 542	55	0.854 458	9.995 796	1	041	7 39.2
		54		55			1		8 44.8
.960	9.141 392		9.145 597		0.854 403	9.995 795		.040	9 50.4
		55		55			1		
961	9.141 447		9.145 652		0.854 348	9.995 794		039	
962	9.141 501	54	9.145 708	56	0.854 292	9.995 793	1	038	
963	9.141 555	54	9.145 763	55	0.854 237	9.995 792	1	037	
		54		55			1		
964	9.141 609		9.145 818		0.854 182	9.995 791		036	
965	9.141 663	54	9.145 873	55	0.854 127	9.995 790	1	035	
966	9.141 718	55	9.145 929	56	0.854 071	9.995 789	1	034	
		54		55			1		55
967	9.141 772		9.145 984		0.854 016	9.995 788		033	1 5.5
968	9.141 826	54	9.146 039	55	0.853 961	9.995 787	1	032	2 11.0
969	9.141 880	54	9.146 094	55	0.853 906	9.995 786	1	031	3 16.5
		54		56			1		4 22.0
.970	9.141 934		9.146 150		0.853 850	9.995 785		.030	5 27.5
		54		55			1		6 33.0
971	9.141 988		9.146 205		0.853 795	9.995 784		029	7 38.5
972	9.142 042	54	9.146 260	55	0.853 740	9.995 783	1	028	8 44.0
973	9.142 097	55	9.146 315	55	0.853 685	9.995 781	2	027	9 49.5
		54		55			1		
974	9.142 151		9.146 370		0.853 630	9.995 780		026	
975	9.142 205	54	9.146 425	55	0.853 575	9.995 779	1	025	
976	9.142 259	54	9.146 481	56	0.853 519	9.995 778	1	024	
		54		55			1		
977	9.142 313		9.146 536		0.853 464	9.995 777		023	54
978	9.142 367	54	9.146 591	55	0.853 409	9.995 776	1	022	
979	9.142 421	54	9.146 646	55	0.853 354	9.995 775	1	021	1 5.4
		54		55			1		2 10.8
.980	9.142 475		9.146 701		0.853 299	9.995 774		.020	3 16.2
		54		55			1		4 21.6
981	9.142 529		9.146 756		0.853 244	9.995 773		019	5 27.0
982	9.142 583	54	9.146 811	55	0.853 189	9.995 772	1	018	6 32.4
983	9.142 637	54	9.146 867	56	0.853 133	9.995 771	1	017	7 37.8
		54		55			1		8 43.2
984	9.142 691		9.146 922		0.853 078	9.995 770		016	9 48.6
985	9.142 746	55	9.146 977	55	0.853 023	9.995 769	1	015	
986	9.142 800	54	9.147 032	55	0.852 968	9.995 768	1	014	
		54		55			1		
987	9.142 854		9.147 087		0.852 913	9.995 767		013	
988	9.142 908	54	9.147 142	55	0.852 858	9.995 766	1	012	
989	9.142 962	54	9.147 197	55	0.852 803	9.995 764	2	011	53
		54		55			1		
.990	9.143 016		9.147 252		0.852 748	9.995 763		.010	1 5.3
		54		55			1		2 10.6
991	9.143 070		9.147 307		0.852 693	9.995 762		009	3 15.9
992	9.143 124	54	9.147 362	55	0.852 638	9.995 761	1	008	4 21.2
993	9.143 178	54	9.147 417	55	0.852 583	9.995 760	1	007	5 26.5
		54		55			1		6 31.8
994	9.143 232		9.147 472		0.852 528	9.995 759		006	7 37.1
995	9.143 286	54	9.147 527	55	0.852 473	9.995 758	1	005	8 42.4
996	9.143 340	54	9.147 582	55	0.852 418	9.995 757	1	004	9 47.7
		53		56			1		
997	9.143 393		9.147 638		0.852 362	9.995 756		003	
998	9.143 447	54	9.147 693	55	0.852 307	9.995 755	1	002	
999	9.143 501	54	9.147 748	55	0.852 252	9.995 754	1	001	
		54		55			1		
*000	9.143 555		9.147 803		0.852 197	9.995 753		.000	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

$82^\circ.050 - 82^\circ.000$

8°.000 — 8°.050

8°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.143 555		9.147 803		0.852 197	9.995 753		***000**	
		54		55			1		
001	9.143 609		9.147 858		0.852 142	9.995 752		999	
002	9.143 663	54	9.147 913	55	0.852 087	9.995 751	1	998	
003	9.143 717	54	9.147 967	54	0.852 033	9.995 750	1	997	
		54		55			1		
004	9.143 771		9.148 022		0.851 978	9.995 749		996	
005	9.143 825	54	9.148 077	55	0.851 923	9.995 747	2	995	
006	9.143 879	54	9.148 132	55	0.851 868	9.995 746	1	994	
		54		55			1		
007	9.143 933		9.148 187		0.851 813	9.995 745		993	
008	9.143 987	54	9.148 242	55	0.851 758	9.995 744	1	992	
009	9.144 040	53	9.148 297	55	0.851 703	9.995 743	1	991	
		54		55			1		
.010	9.144 094		9.148 352		0.851 648	9.995 742		**.990**	
		54		55			1		
011	9.144 148		9.148 407		0.851 593	9.995 741		989	
012	9.144 202	54	9.148 462	55	0.851 538	9.995 740	1	988	
013	9.144 256	54	9.148 517	55	0.851 483	9.995 739	1	987	
		54		55			1		
014	9.144 310		9.148 572		0.851 428	9.995 738		986	
015	9.144 364	54	9.148 627	55	0.851 373	9.995 737	1	985	
016	9.144 417	53	9.148 682	55	0.851 318	9.995 736	1	984	
		54		55			1		
017	9.144 471		9.148 737		0.851 263	9.995 735		983	
018	9.144 525	54	9.148 791	54	0.851 209	9.995 734	1	982	
019	9.144 579	54	9.148 846	55	0.851 154	9.995 733	1	981	
		54		55			2		
.020	9.144 633		9.148 901		0.851 099	9.995 731		**.980**	
		53		55			1		
021	9.144 686		9.148 956		0.851 044	9.995 730		979	
022	9.144 740	54	9.149 011	55	0.850 989	9.995 729	1	978	
023	9.144 794	54	9.149 066	55	0.850 934	9.995 728	1	977	
		54		55			1		
024	9.144 848		9.149 121		0.850 879	9.995 727		976	
025	9.144 902	54	9.149 175	54	0.850 825	9.995 726	1	975	
026	9.144 955	53	9.149 230	55	0.850 770	9.995 725	1	974	
		54		55			1		
027	9.145 009		9.149 285		0.850 715	9.995 724		973	
028	9.145 063	54	9.149 340	55	0.850 660	9.995 723	1	972	
029	9.145 117	54	9.149 395	55	0.850 605	9.995 722	1	971	
		53		54			1		
.030	9.145 170		9.149 449		0.850 551	9.995 721		**.970**	
		54		55			1		
031	9.145 224		9.149 504		0.850 496	9.995 720		969	
032	9.145 278	54	9.149 559	55	0.850 441	9.995 719	1	968	
033	9.145 331	53	9.149 614	55	0.850 386	9.995 718	1	967	
		54		55			2		
034	9.145 385		9.149 669		0.850 331	9.995 716		966	
035	9.145 439	54	9.149 723	54	0.850 277	9.995 715	1	965	
036	9.145 492	53	9.149 778	55	0.850 222	9.995 714	1	964	
		54		55			1		
037	9.145 546		9.149 833		0.850 167	9.995 713		963	
038	9.145 600	54	9.149 888	55	0.850 112	9.995 712	1	962	
039	9.145 654	54	9.149 942	54	0.850 058	9.995 711	1	961	
		53		55			1		
.040	9.145 707		9.149 997		0.850 003	9.995 710		**.960**	
		54		55			1		
041	9.145 761		9.150 052		0.849 948	9.995 709		959	
042	9.145 815	54	9.150 107	55	0.849 893	9.995 708	1	958	
043	9.145 868	53	9.150 161	54	0.849 839	9.995 707	1	957	
		54		55			1		
044	9.145 922		9.150 216		0.849 784	9.995 706		956	
045	9.145 975	53	9.150 271	55	0.849 729	9.995 705	1	955	
046	9.146 029	54	9.150 325	54	0.849 675	9.995 704	1	954	
		54		55			1		
047	9.146 083		9.150 380		0.849 620	9.995 703		953	
048	9.146 136	53	9.150 435	55	0.849 565	9.995 701	2	952	
049	9.146 190	54	9.150 489	54	0.849 511	9.995 700	1	951	
		53		55			1		
.050	9.146 243		9.150 544		0.849 456	9.995 699		**.950**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	55
1	5.5
2	11.0
3	16.5
4	22.0
5	27.5
6	33.0
7	38.5
8	44.0
9	49.5

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

	53
1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

82°.000 — 81°.950

8°.050 — 8°.100

8°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.146 243		9.150 544		0.849 456	9.995 699		.950	
		54		55			1		
051	9.146 297		9.150 599		0.849 401	9.995 698		949	
052	9.146 351	54	9.150 653	54	0.849 347	9.995 697	1	948	
053	9.146 404	53	9.150 708	55	0.849 292	9.995 696	1	947	
		54		55			1		
054	9.146 458		9.150 763		0.849 237	9.995 695		946	
055	9.146 511	53	9.150 817	54	0.849 183	9.995 694	1	945	
056	9.146 565	54	9.150 872	55	0.849 128	9.995 693	1	944	
		53		55			1		
057	9.146 618		9.150 927		0.849 073	9.995 692		943	
058	9.146 672	54	9.150 981	54	0.849 019	9.995 691	1	942	
059	9.146 726	54	9.151 036	55	0.848 964	9.995 690	1	941	
		53		54			1		
.060	9.146 779		9.151 090		0.848 910	9.995 689		.940	
		54		55			1		
061	9.146 833		9.151 145		0.848 855	9.995 688		939	
062	9.146 886	53	9.151 200	55	0.848 800	9.995 686	2	938	
063	9.146 940	54	9.151 254	54	0.848 746	9.995 685	1	937	
		53		55			1		
064	9.146 993		9.151 309		0.848 691	9.995 684		936	
065	9.147 047	54	9.151 363	54	0.848 637	9.995 683	1	935	
066	9.147 100	53	9.151 418	55	0.848 582	9.995 682	1	934	
		54		55			1		
067	9.147 154		9.151 473		0.848 527	9.995 681		933	
068	9.147 207	53	9.151 527	54	0.848 473	9.995 680	1	932	
069	9.147 261	54	9.151 582	55	0.848 418	9.995 679	1	931	
		53		54			1		
.070	9.147 314		9.151 636		0.848 364	9.995 678		.930	
		53		55			1		
071	9.147 367		9.151 691		0.848 309	9.995 677		929	
072	9.147 421	54	9.151 745	54	0.848 255	9.995 676	1	928	
073	9.147 474	53	9.151 800	55	0.848 200	9.995 675	1	927	
		54		54			1		
074	9.147 528		9.151 854		0.848 146	9.995 674		926	
075	9.147 581	53	9.151 909	55	0.848 091	9.995 672	2	925	
076	9.147 635	54	9.151 963	54	0.848 037	9.995 671	1	924	
		53		55			1		
077	9.147 688		9.152 018		0.847 982	9.995 670		923	
078	9.147 741	53	9.152 072	54	0.847 928	9.995 669	1	922	
079	9.147 795	54	9.152 127	55	0.847 873	9.995 668	1	921	
		53		54			1		
.080	9.147 848		9.152 181		0.847 819	9.995 667		.920	
		54		55			1		
081	9.147 902		9.152 236		0.847 764	9.995 666		919	
082	9.147 955	53	9.152 290	54	0.847 710	9.995 665	1	918	
083	9.148 008	53	9.152 345	55	0.847 655	9.995 664	1	917	
		54		54			1		
084	9.148 062		9.152 399		0.847 601	9.995 663		916	
085	9.148 115	53	9.152 453	54	0.847 547	9.995 662	1	915	
086	9.148 169	54	9.152 508	55	0.847 492	9.995 661	1	914	
		53		54			1		
087	9.148 222		9.152 562		0.847 438	9.995 660		913	
088	9.148 275	53	9.152 617	55	0.847 383	9.995 659	1	912	
089	9.148 329	54	9.152 671	54	0.847 329	9.995 657	2	911	
		53		55			1		
.090	9.148 382		9.152 726		0.847 274	9.995 656		.910	
		53		54			1		
091	9.148 435		9.152 780		0.847 220	9.995 655		909	
092	9.148 489	54	9.152 834	54	0.847 166	9.995 654	1	908	
093	9.148 542	53	9.152 889	55	0.847 111	9.995 653	1	907	
		53		54			1		
094	9.148 595		9.152 943		0.847 057	9.995 652		906	
095	9.148 648	53	9.152 997	54	0.847 003	9.995 651	1	905	
096	9.148 702	54	9.153 052	55	0.846 948	9.995 650	1	904	
		53		54			1		
097	9.148 755		9.153 106		0.846 894	9.995 649		903	
098	9.148 808	53	9.153 161	55	0.846 839	9.995 648	1	902	
099	9.148 862	54	9.153 215	54	0.846 785	9.995 647	1	901	
		53		54			1		
.100	9.148 915		9.153 269		0.846 731	9.995 646		.900	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

	55
1	5.5
2	11.0
3	16.5
4	22.0
5	27.5
6	33.0
7	38.5
8	44.0
9	49.5

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

	53
1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

81°.950 — 81°.900

8°.100 — 8°.150

8°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.148 915		9.153 269		0.846 731	9.995 646		.900	
		53		55			2		
101	9.148 968		9.153 324		0.846 676	9.995 644		899	
102	9.149 021	53	9.153 378	54	0.846 622	9.995 643	1	898	
103	9.149 075	54	9.153 432	54	0.846 568	9.995 642	1	897	
		53		55			1		55
104	9.149 128		9.153 487		0.846 513	9.995 641		896	1 5.5
105	9.149 181	53	9.153 541	54	0.846 459	9.995 640	1	895	2 11.0
106	9.149 234	53	9.153 595	54	0.846 405	9.995 639	1	894	3 16.5
		53		54			1		4 22.0
107	9.149 287		9.153 649		0.846 351	9.995 638		893	5 27.5
108	9.149 341	54	9.153 704	55	0.846 296	9.995 637	1	892	6 33.0
109	9.149 394	53	9.153 758	54	0.846 242	9.995 636	1	891	7 38.5
		53		54			1		8 44.0
.110	9.149 447		9.153 812		0.846 188	9.995 635		.890	9 49.5
		53		55			1		
111	9.149 500		9.153 867		0.846 133	9.995 634		889	
112	9.149 553	53	9.153 921	54	0.846 079	9.995 633	1	888	
113	9.149 607	54	9.153 975	54	0.846 025	9.995 632	1	887	
		53		54			2		
114	9.149 660		9.154 029		0.845 971	9.995 630		886	
115	9.149 713	53	9.154 084	55	0.845 916	9.995 629	1	885	
116	9.149 766	53	9.154 138	54	0.845 862	9.995 628	1	884	54
		53		54			1		
117	9.149 819		9.154 192		0.845 808	9.995 627		883	1 5.4
118	9.149 872	53	9.154 246	54	0.845 754	9.995 626	1	882	2 10.8
119	9.149 926	54	9.154 300	54	0.845 700	9.995 625	1	881	3 16.2
		53		55			1		4 21.6
.120	9.149 979		9.154 355		0.845 645	9.995 624		.880	5 27.0
		53		54			1		6 32.4
121	9.150 032		9.154 409		0.845 591	9.995 623		879	7 37.8
122	9.150 085	53	9.154 463	54	0.845 537	9.995 622	1	878	8 43.2
123	9.150 138	53	9.154 517	54	0.845 483	9.995 621	1	877	9 48.6
		53		54			1		
124	9.150 191		9.154 571		0.845 429	9.995 620		876	
125	9.150 244	53	9.154 626	55	0.845 374	9.995 619	1	875	
126	9.150 297	53	9.154 680	54	0.845 320	9.995 617	2	874	
		53		54			1		
127	9.150 350		9.154 734		0.845 266	9.995 616		873	53
128	9.150 403	53	9.154 788	54	0.845 212	9.995 615	1	872	
129	9.150 457	54	9.154 842	54	0.845 158	9.995 614	1	871	1 5.3
		53		54			1		2 10.6
.130	9.150 510		9.154 896		0.845 104	9.995 613		.870	3 15.9
		53		55			1		4 21.2
131	9.150 563		9.154 951		0.845 049	9.995 612		869	5 26.5
132	9.150 616	53	9.155 005	54	0.844 995	9.995 611	1	868	6 31.8
133	9.150 669	53	9.155 059	54	0.844 941	9.995 610	1	867	7 37.1
		53		54			1		8 42.4
134	9.150 722		9.155 113		0.844 887	9.995 609		866	9 47.7
135	9.150 775	53	9.155 167	54	0.844 833	9.995 608	1	865	
136	9.150 828	53	9.155 221	54	0.844 779	9.995 607	1	864	
		53		54			1		
137	9.150 881		9.155 275		0.844 725	9.995 606		863	
138	9.150 934	53	9.155 329	54	0.844 671	9.995 604	2	862	
139	9.150 987	53	9.155 383	54	0.844 617	9.995 603	1	861	52
		53		55			1		
.140	9.151 040		9.155 438		0.844 562	9.995 602		.860	1 5.2
		53		54			1		2 10.4
141	9.151 093		9.155 492		0.844 508	9.995 601		859	3 15.6
142	9.151 146	53	9.155 546	54	0.844 454	9.995 600	1	858	4 20.8
143	9.151 199	53	9.155 600	54	0.844 400	9.995 599	1	857	5 26.0
		53		54			1		6 31.2
144	9.151 252		9.155 654		0.844 346	9.995 598		856	7 36.4
145	9.151 305	53	9.155 708	54	0.844 292	9.995 597	1	855	8 41.6
146	9.151 358	53	9.155 762	54	0.844 238	9.995 596	1	854	9 46.8
		53		54			1		
147	9.151 411		9.155 816		0.844 184	9.995 595		853	
148	9.151 464	53	9.155 870	54	0.844 130	9.995 594	1	852	
149	9.151 517	53	9.155 924	54	0.844 076	9.995 593	1	851	
		52		54			2		
.150	9.151 569		9.155 978		0.844 022	9.995 591		.850	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.900 — 81°.850

8°.150 — 8°.200

8°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.151 569		9.155 978		0.844 022	9.995 591		.850	
		53		54			1		
151	9.151 622		9.156 032		0.843 968	9.995 590		849	
152	9.151 675	53	9.156 086	54	0.843 914	9.995 589	1	848	
153	9.151 728	53	9.156 140	54	0.843 860	9.995 588	1	847	
		53		54			1		
154	9.151 781		9.156 194		0.843 806	9.995 587		846	
155	9.151 834	53	9.156 248	54	0.843 752	9.995 586	1	845	
156	9.151 887	53	9.156 302	54	0.843 698	9.995 585	1	844	
		53		54			1		
157	9.151 940		9.156 356		0.843 644	9.995 584		843	
158	9.151 993	53	9.156 410	54	0.843 590	9.995 583	1	842	
159	9.152 046	53	9.156 464	54	0.843 536	9.995 582	1	841	
		52		54			1		
.160	9.152 098		9.156 518		0.843 482	9.995 581		.840	
		53		54			1		
161	9.152 151		9.156 572		0.843 428	9.995 580		839	
162	9.152 204	53	9.156 626	54	0.843 374	9.995 578	2	838	
163	9.152 257	53	9.156 680	54	0.843 320	9.995 577	1	837	
		53		54			1		
164	9.152 310		9.156 734		0.843 266	9.995 576		836	
165	9.152 363	53	9.156 787	53	0.843 213	9.995 575	1	835	
166	9.152 415	52	9.156 841	54	0.843 159	9.995 574	1	834	
		53		54			1		
167	9.152 468		9.156 895		0.843 105	9.995 573		833	
168	9.152 521	53	9.156 949	54	0.843 051	9.995 572	1	832	
169	9.152 574	53	9.157 003	54	0.842 997	9.995 571	1	831	
		53		54			1		
.170	9.152 627		9.157 057		0.842 943	9.995 570		.830	
		52		54			1		
171	9.152 679		9.157 111		0.842 889	9.995 569		829	
172	9.152 732	53	9.157 165	54	0.842 835	9.995 568	1	828	
173	9.152 785	53	9.157 219	54	0.842 781	9.995 566	2	827	
		53		53			1		
174	9.152 838		9.157 272		0.842 728	9.995 565		826	
175	9.152 891	53	9.157 326	54	0.842 674	9.995 564	1	825	
176	9.152 943	52	9.157 380	54	0.842 620	9.995 563	1	824	
		53		54			1		
177	9.152 996		9.157 434		0.842 566	9.995 562		823	
178	9.153 049	53	9.157 488	54	0.842 512	9.995 561	1	822	
179	9.153 102	53	9.157 542	54	0.842 458	9.995 560	1	821	
		52		53			1		
.180	9.153 154		9.157 595		0.842 405	9.995 559		.820	
		53		54			1		
181	9.153 207		9.157 649		0.842 351	9.995 558		819	
182	9.153 260	53	9.157 703	54	0.842 297	9.995 557	1	818	
183	9.153 312	52	9.157 757	54	0.842 243	9.995 556	1	817	
		53		54			2		
184	9.153 365		9.157 811		0.842 189	9.995 554		816	
185	9.153 418	53	9.157 865	54	0.842 135	9.995 553	1	815	
186	9.153 471	53	9.157 918	53	0.842 082	9.995 552	1	814	
		52		54			1		
187	9.153 523		9.157 972		0.842 028	9.995 551		813	
188	9.153 576	53	9.158 026	54	0.841 974	9.995 550	1	812	
189	9.153 629	53	9.158 080	54	0.841 920	9.995 549	1	811	
		52		53			1		
.190	9.153 681		9.158 133		0.841 867	9.995 548		.810	
		53		54			1		
191	9.153 734		9.158 187		0.841 813	9.995 547		809	
192	9.153 787	53	9.158 241	54	0.841 759	9.995 546	1	808	
193	9.153 839	52	9.158 295	54	0.841 705	9.995 545	1	807	
		53		53			1		
194	9.153 892		9.158 348		0.841 652	9.995 544		806	
195	9.153 945	53	9.158 402	54	0.841 598	9.995 542	2	805	
196	9.153 997	52	9.158 456	54	0.841 544	9.995 541	1	804	
		53		54			1		
197	9.154 050		9.158 510		0.841 490	9.995 540		803	
198	9.154 102	52	9.158 563	53	0.841 437	9.995 539	1	802	
199	9.154 155	53	9.158 617	54	0.841 383	9.995 538	1	801	
		53		54			1		
.200	9.154 208		9.158 671		0.841 329	9.995 537		.800	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

	53
1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

	52
1	5.2
2	10.4
3	15.6
4	20.8
5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

81°.850 — 81°.800

8°.200 — 8°.250

8°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.154 208		9.158 671		0.841 329	9.995 537		**.800**	
		52		53			1		
201	9.154 260		9.158 724		0.841 276	9.995 536		799	
202	9.154 313	53	9.158 778	54	0.841 222	9.995 535	1	798	
203	9.154 365	52	9.158 832	54	0.841 168	9.995 534	1	797	
		53		53			1		
204	9.154 418		9.158 885		0.841 115	9.995 533		796	
205	9.154 471	53	9.158 939	54	0.841 061	9.995 532	1	795	
206	9.154 523	52	9.158 993	54	0.841 007	9.995 530	2	794	
		53		53			1		
207	9.154 576		9.159 046		0.840 954	9.995 529		793	
208	9.154 628	52	9.159 100	54	0.840 900	9.995 528	1	792	
209	9.154 681	53	9.159 154	54	0.840 846	9.995 527	1	791	
		52		53			1		
.210	9.154 733		9.159 207		0.840 793	9.995 526		**.790**	
		53		54			1		
211	9.154 786		9.159 261		0.840 739	9.995 525		789	
212	9.154 838	52	9.159 314	53	0.840 686	9.995 524	1	788	
213	9.154 891	53	9.159 368	54	0.840 632	9.995 523	1	787	
		52		54			1		
214	9.154 943		9.159 422		0.840 578	9.995 522		786	
215	9.154 996	53	9.159 475	53	0.840 525	9.995 521	1	785	
216	9.155 048	52	9.159 529	54	0.840 471	9.995 520	1	784	
		53		53			2		
217	9.155 101		9.159 582		0.840 418	9.995 518		783	
218	9.155 153	52	9.159 636	54	0.840 364	9.995 517	1	782	
219	9.155 206	53	9.159 690	54	0.840 310	9.995 516	1	781	
		52		53			1		
.220	9.155 258		9.159 743		0.840 257	9.995 515		**.780**	
		53		54			1		
221	9.155 311		9.159 797		0.840 203	9.995 514		779	
222	9.155 363	52	9.159 850	53	0.840 150	9.995 513	1	778	
223	9.155 416	53	9.159 904	54	0.840 096	9.995 512	1	777	
		52		53			1		
224	9.155 468		9.159 957		0.840 043	9.995 511		776	
225	9.155 521	53	9.160 011	54	0.839 989	9.995 510	1	775	
226	9.155 573	52	9.160 064	53	0.839 936	9.995 509	1	774	
		52		54			2		
227	9.155 625		9.160 118		0.839 882	9.995 507		773	
228	9.155 678	53	9.160 172	54	0.839 828	9.995 506	1	772	
229	9.155 730	52	9.160 225	53	0.839 775	9.995 505	1	771	
		53		54			1		
.230	9.155 783		9.160 279		0.839 721	9.995 504		**.770**	
		52		53			1		
231	9.155 835		9.160 332		0.839 668	9.995 503		769	
232	9.155 888	53	9.160 386	54	0.839 614	9.995 502	1	768	
233	9.155 940	52	9.160 439	53	0.839 561	9.995 501	1	767	
		52		54			1		
234	9.155 992		9.160 493		0.839 507	9.995 500		766	
235	9.156 045	53	9.160 546	53	0.839 454	9.995 499	1	765	
236	9.156 097	52	9.160 599	53	0.839 401	9.995 498	1	764	
		52		54			1		
237	9.156 149		9.160 653		0.839 347	9.995 497		763	
238	9.156 202	53	9.160 706	53	0.839 294	9.995 495	2	762	
239	9.156 254	52	9.160 760	54	0.839 240	9.995 494	1	761	
		52		53			1		
.240	9.156 306		9.160 813		0.839 187	9.995 493		**.760**	
		53		54			1		
241	9.156 359		9.160 867		0.839 133	9.995 492		759	
242	9.156 411	52	9.160 920	53	0.839 080	9.995 491	1	758	
243	9.156 463	52	9.160 974	54	0.839 026	9.995 490	1	757	
		53		53			1		
244	9.156 516		9.161 027		0.838 973	9.995 489		756	
245	9.156 568	52	9.161 080	53	0.838 920	9.995 488	1	755	
246	9.156 620	52	9.161 134	54	0.838 866	9.995 487	1	754	
		53		53			1		
247	9.156 673		9.161 187		0.838 813	9.995 486		753	
248	9.156 725	52	9.161 241	54	0.838 759	9.995 484	2	752	
249	9.156 777	52	9.161 294	53	0.838 706	9.995 483	1	751	
		53		53			1		
.250	9.156 830		9.161 347		0.838 653	9.995 482		**.750**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

	53
1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

	52
1	5.2
2	10.4
3	15.6
4	20.8
5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

81°.800 — 81°.750

8°.250 — 8°.300

8°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.156 830		9.161 347		0.838 653	9.995 482		**.750**	
		52		54			1		
251	9.156 882		9.161 401		0.838 599	9.995 481		749	
252	9.156 934	52	9.161 454	53	0.838 546	9.995 480	1	748	
253	9.156 986	52	9.161 507	53	0.838 493	9.995 479	1	747	
		53		54			1		54
254	9.157 039		9.161 561		0.838 439	9.995 478		746	1 5.4
255	9.157 091	52	9.161 614	53	0.838 386	9.995 477	1	745	2 10.8
256	9.157 143	52	9.161 667	53	0.838 333	9.995 476	1	744	3 16.2
		52		54			1		4 21.6
257	9.157 195		9.161 721		0.838 279	9.995 475		743	5 27.0
258	9.157 248	53	9.161 774	53	0.838 226	9.995 473	2	742	6 32.4
259	9.157 300	52	9.161 827	53	0.838 173	9.995 472	1	741	7 37.8
		52		54			1		8 43.2
.260	9.157 352		9.161 881		0.838 119	9.995 471		**.740**	9 48.6
		52		53			1		
261	9.157 404		9.161 934		0.838 066	9.995 470		739	
262	9.157 456	52	9.161 987	53	0.838 013	9.995 469	1	738	
263	9.157 509	53	9.162 041	54	0.837 959	9.995 468	1	737	
		52		53			1		
264	9.157 561		9.162 094		0.837 906	9.995 467		736	
265	9.157 613	52	9.162 147	53	0.837 853	9.995 466	1	735	
266	9.157 665	52	9.162 201	54	0.837 799	9.995 465	1	734	53
		52		53			1		1 5.3
267	9.157 717		9.162 254		0.837 746	9.995 464		733	2 10.6
268	9.157 770	53	9.162 307	53	0.837 693	9.995 462	2	732	3 15.9
269	9.157 822	52	9.162 360	53	0.837 640	9.995 461	1	731	4 21.2
		52		54			1		5 26.5
.270	9.157 874		9.162 414		0.837 586	9.995 460		**.730**	6 31.8
		52		53			1		7 37.1
271	9.157 926		9.162 467		0.837 533	9.995 459		729	8 42.4
272	9.157 978	52	9.162 520	53	0.837 480	9.995 458	1	728	9 47.7
273	9.158 030	52	9.162 573	53	0.837 427	9.995 457	1	727	
		52		54			1		
274	9.158 082		9.162 627		0.837 373	9.995 456		726	
275	9.158 135	53	9.162 680	53	0.837 320	9.995 455	1	725	
276	9.158 187	52	9.162 733	53	0.837 267	9.995 454	1	724	
		52		53			1		
277	9.158 239		9.162 786		0.837 214	9.995 453		723	52
278	9.158 291	52	9.162 839	53	0.837 161	9.995 451	2	722	1 5.2
279	9.158 343	52	9.162 893	54	0.837 107	9.995 450	1	721	2 10.4
		52		53			1		3 15.6
.280	9.158 395		9.162 946		0.837 054	9.995 449		**.720**	4 20.8
		52		53			1		5 26.0
281	9.158 447		9.162 999		0.837 001	9.995 448		719	6 31.2
282	9.158 499	52	9.163 052	53	0.836 948	9.995 447	1	718	7 36.4
283	9.158 551	52	9.163 105	53	0.836 895	9.995 446	1	717	8 41.6
		52		54			1		9 46.8
284	9.158 603		9.163 159		0.836 841	9.995 445		716	
285	9.158 655	52	9.163 212	53	0.836 788	9.995 444	1	715	
286	9.158 707	52	9.163 265	53	0.836 735	9.995 443	1	714	
		52		53			2		
287	9.158 759		9.163 318		0.836 682	9.995 441		713	51
288	9.158 811	52	9.163 371	53	0.836 629	9.995 440	1	712	1 5.1
289	9.158 864	53	9.163 424	53	0.836 576	9.995 439	1	711	2 10.2
		52		53			1		3 15.3
.290	9.158 916		9.163 477		0.836 523	9.995 438		**.710**	4 20.4
		52		54			1		5 25.5
291	9.158 968		9.163 531		0.836 469	9.995 437		709	6 30.6
292	9.159 020	52	9.163 584	53	0.836 416	9.995 436	1	708	7 35.7
293	9.159 072	52	9.163 637	53	0.836 363	9.995 435	1	707	8 40.8
		52		53			1		9 45.9
294	9.159 124		9.163 690		0.836 310	9.995 434		706	
295	9.159 176	52	9.163 743	53	0.836 257	9.995 433	1	705	
296	9.159 228	52	9.163 796	53	0.836 204	9.995 432	1	704	
		52		53			2		
297	9.159 280		9.163 849		0.836 151	9.995 430		703	
298	9.159 332	52	9.163 902	53	0.836 098	9.995 429	1	702	
299	9.159 383	51	9.163 955	53	0.836 045	9.995 428	1	701	
		52		53			1		
.300	9.159 435		9.164 008		0.835 992	9.995 427		**.700**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

81°.750 — 81°.700

8°.300 — 8°.350

8°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.159 435		9.164 008		0.835 992	9.995 427		**.700**	
		52		53			1		
301	9.159 487		9.164 061		0.835 939	9.995 426		699	
302	9.159 539	52	9.164 114	53	0.835 886	9.995 425	1	698	
303	9.159 591	52	9.164 167	53	0.835 833	9.995 424	1	697	
		52		54			1		54
304	9.159 643		9.164 221		0.835 779	9.995 423		696	1 5.4
305	9.159 695	52	9.164 274	53	0.835 726	9.995 422	1	695	2 10.8
306	9.159 747	52	9.164 327	53	0.835 673	9.995 420	2	694	3 16.2
		52		53			1		4 21.6
307	9.159 799		9.164 380		0.835 620	9.995 419		693	5 27.0
308	9.159 851	52	9.164 433	53	0.835 567	9.995 418	1	692	6 32.4
309	9.159 903	52	9.164 486	53	0.835 514	9.995 417	1	691	7 37.8
		52		53			1		8 43.2
.310	9.159 955		9.164 539		0.835 461	9.995 416		**.690**	9 48.6
		52		53			1		
311	9.160 007		9.164 592		0.835 408	9.995 415		689	
312	9.160 058	51	9.164 645	53	0.835 355	9.995 414	1	688	
313	9.160 110	52	9.164 698	53	0.835 302	9.995 413	1	687	
		52		53			1		
314	9.160 162		9.164 751		0.835 249	9.995 412		686	
315	9.160 214	52	9.164 804	53	0.835 196	9.995 411	1	685	53
316	9.160 266	52	9.164 857	53	0.835 143	9.995 409	2	684	
		52		53			1		1 5.3
317	9.160 318		9.164 910		0.835 090	9.995 408		683	2 10.6
318	9.160 370	52	9.164 962	52	0.835 038	9.995 407	1	682	3 15.9
319	9.160 422	52	9.165 015	53	0.834 985	9.995 406	1	681	4 21.2
		51		53			1		5 26.5
.320	9.160 473		9.165 068		0.834 932	9.995 405		**.680**	6 31.8
		52		53			1		7 37.1
321	9.160 525		9.165 121		0.834 879	9.995 404		679	8 42.4
322	9.160 577	52	9.165 174	53	0.834 826	9.995 403	1	678	9 47.7
323	9.160 629	52	9.165 227	53	0.834 773	9.995 402	1	677	
		52		53			1		
324	9.160 681		9.165 280		0.834 720	9.995 401		676	
325	9.160 732	51	9.165 333	53	0.834 667	9.995 399	2	675	
326	9.160 784	52	9.165 386	53	0.834 614	9.995 398	1	674	
		52		53			1		52
327	9.160 836		9.165 439		0.834 561	9.995 397		673	
328	9.160 888	52	9.165 492	53	0.834 508	9.995 396	1	672	1 5.2
329	9.160 940	52	9.165 545	53	0.834 455	9.995 395	1	671	2 10.4
		51		52			1		3 15.6
.330	9.160 991		9.165 597		0.834 403	9.995 394		**.670**	4 20.8
		52		53			1		5 26.0
331	9.161 043		9.165 650		0.834 350	9.995 393		669	6 31.2
332	9.161 095	52	9.165 703	53	0.834 297	9.995 392	1	668	7 36.4
333	9.161 147	52	9.165 756	53	0.834 244	9.995 391	1	667	8 41.6
		51		53			2		9 46.8
334	9.161 198		9.165 809		0.834 191	9.995 389		666	
335	9.161 250	52	9.165 862	53	0.834 138	9.995 388	1	665	
336	9.161 302	52	9.165 915	53	0.834 085	9.995 387	1	664	
		52		52			1		
337	9.161 354		9.165 967		0.834 033	9.995 386		663	
338	9.161 405	51	9.166 020	53	0.833 980	9.995 385	1	662	
339	9.161 457	52	9.166 073	53	0.833 927	9.995 384	1	661	51
		52		53			1		
.340	9.161 509		9.166 126		0.833 874	9.995 383		**.660**	1 5.1
		51		53			1		2 10.2
341	9.161 560		9.166 179		0.833 821	9.995 382		659	3 15.3
342	9.161 612	52	9.166 232	53	0.833 768	9.995 381	1	658	4 20.4
343	9.161 664	52	9.166 284	52	0.833 716	9.995 379	2	657	5 25.5
		51		53			1		6 30.6
344	9.161 715		9.166 337		0.833 663	9.995 378		656	7 35.7
345	9.161 767	52	9.166 390	53	0.833 610	9.995 377	1	655	8 40.8
346	9.161 819	52	9.166 443	53	0.833 557	9.995 376	1	654	9 45.9
		51		52			1		
347	9.161 870		9.166 495		0.833 505	9.995 375		653	
348	9.161 922	52	9.166 548	53	0.833 452	9.995 374	1	652	
349	9.161 974	52	9.166 601	53	0.833 399	9.995 373	1	651	
		51		53			1		
.350	9.162 025		9.166 654		0.833 346	9.995 372		**.650**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

81°.700 — 81°.650

8°.350 — 8°.400

8°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.162 025		9.166 654		0.833 346	9.995 372		**.650**	
		52		53			1		
351	9.162 077		9.166 707		0.833 293	9.995 371		649	
352	9.162 129	52	9.166 759	52	0.833 241	9.995 369	2	648	
353	9.162 180	51	9.166 812	53	0.833 188	9.995 368	1	647	
		52		53			1		
354	9.162 232		9.166 865		0.833 135	9.995 367		646	
355	9.162 284	52	9.166 917	52	0.833 083	9.995 366	1	645	
356	9.162 335	51	9.166 970	53	0.833 030	9.995 365	1	644	
		52		53			1		
357	9.162 387		9.167 023		0.832 977	9.995 364		643	
358	9.162 438	51	9.167 076	53	0.832 924	9.995 363	1	642	
359	9.162 490	52	9.167 128	52	0.832 872	9.995 362	1	641	
		52		53			1		
.360	9.162 542		9.167 181		0.832 819	9.995 361		**.640**	
		51		53			2		
361	9.162 593		9.167 234		0.832 766	9.995 359		639	
362	9.162 645	52	9.167 286	52	0.832 714	9.995 358	1	638	
363	9.162 696	51	9.167 339	53	0.832 661	9.995 357	1	637	
		52		53			1		
364	9.162 748		9.167 392		0.832 608	9.995 356		636	
365	9.162 799	51	9.167 444	52	0.832 556	9.995 355	1	635	
366	9.162 851	52	9.167 497	53	0.832 503	9.995 354	1	634	
		51		53			1		
367	9.162 902		9.167 550		0.832 450	9.995 353		633	
368	9.162 954	52	9.167 602	52	0.832 398	9.995 352	1	632	
369	9.163 006	52	9.167 655	53	0.832 345	9.995 350	2	631	
		51		53			1		
.370	9.163 057		9.167 708		0.832 292	9.995 349		**.630**	
		52		52			1		
371	9.163 109		9.167 760		0.832 240	9.995 348		629	
372	9.163 160	51	9.167 813	53	0.832 187	9.995 347	1	628	
373	9.163 212	52	9.167 866	53	0.832 134	9.995 346	1	627	
		51		52			1		
374	9.163 263		9.167 918		0.832 082	9.995 345		626	
375	9.163 315	52	9.167 971	53	0.832 029	9.995 344	1	625	
376	9.163 366	51	9.168 023	52	0.831 977	9.995 343	1	624	
		52		53			1		
377	9.163 418		9.168 076		0.831 924	9.995 342		623	
378	9.163 469	51	9.168 129	53	0.831 871	9.995 340	2	622	
379	9.163 520	51	9.168 181	52	0.831 819	9.995 339	1	621	
		52		53			1		
.380	9.163 572		9.168 234		0.831 766	9.995 338		**.620**	
		51		52			1		
381	9.163 623		9.168 286		0.831 714	9.995 337		619	
382	9.163 675	52	9.168 339	53	0.831 661	9.995 336	1	618	
383	9.163 726	51	9.168 391	52	0.831 609	9.995 335	1	617	
		52		53			1		
384	9.163 778		9.168 444		0.831 556	9.995 334		616	
385	9.163 829	51	9.168 496	52	0.831 504	9.995 333	1	615	
386	9.163 881	52	9.168 549	53	0.831 451	9.995 332	1	614	
		51		53			2		
387	9.163 932		9.168 602		0.831 398	9.995 330		613	
388	9.163 983	51	9.168 654	52	0.831 346	9.995 329	1	612	
389	9.164 035	52	9.168 707	53	0.831 293	9.995 328	1	611	
		51		52			1		
.390	9.164 086		9.168 759		0.831 241	9.995 327		**.610**	
		52		53			1		
391	9.164 138		9.168 812		0.831 188	9.995 326		609	
392	9.164 189	51	9.168 864	52	0.831 136	9.995 325	1	608	
393	9.164 240	51	9.168 917	53	0.831 083	9.995 324	1	607	
		52		52			1		
394	9.164 292		9.168 969		0.831 031	9.995 323		606	
395	9.164 343	51	9.169 022	53	0.830 978	9.995 321	2	605	
396	9.164 394	51	9.169 074	52	0.830 926	9.995 320	1	604	
		52		53			1		
397	9.164 446		9.169 127		0.830 873	9.995 319		603	
398	9.164 497	51	9.169 179	52	0.830 821	9.995 318	1	602	
399	9.164 548	51	9.169 231	52	0.830 769	9.995 317	1	601	
		52		53			1		
.400	9.164 600		9.169 284		0.830 716	9.995 316		**.600**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	53
1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

	52
1	5.2
2	10.4
3	15.6
4	20.8
5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

81°.650 — 81°.600

8°.400 — 8°.450

8°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.164 600		9.169 284		0.830 716	9.995 316		**.600**	
		51		52			1		
401	9.164 651		9.169 336		0.830 664	9.995 315		599	
402	9.164 702	51	9.169 389	53	0.830 611	9.995 314	1	598	
403	9.164 754	52	9.169 441	52	0.830 559	9.995 313	1	597	
		51		53			2		
404	9.164 805		9.169 494		0.830 506	9.995 311		596	
405	9.164 856	51	9.169 546	52	0.830 454	9.995 310	1	595	
406	9.164 908	52	9.169 598	52	0.830 402	9.995 309	1	594	
		51		53			1		
407	9.164 959		9.169 651		0.830 349	9.995 308		593	
408	9.165 010	51	9.169 703	52	0.830 297	9.995 307	1	592	
409	9.165 061	51	9.169 756	53	0.830 244	9.995 306	1	591	
		52		52			1		
.410	9.165 113		9.169 808		0.830 192	9.995 305		**.590**	
		51		52			1		
411	9.165 164		9.169 860		0.830 140	9.995 304		589	
412	9.165 215	51	9.169 913	53	0.830 087	9.995 302	2	588	
413	9.165 267	52	9.169 965	52	0.830 035	9.995 301	1	587	
		51		53			1		
414	9.165 318		9.170 018		0.829 982	9.995 300		586	
415	9.165 369	51	9.170 070	52	0.829 930	9.995 299	1	585	
416	9.165 420	51	9.170 122	52	0.829 878	9.995 298	1	584	
		51		53			1		
417	9.165 471		9.170 175		0.829 825	9.995 297		583	
418	9.165 523	52	9.170 227	52	0.829 773	9.995 296	1	582	
419	9.165 574	51	9.170 279	52	0.829 721	9.995 295	1	581	
		51		53			2		
.420	9.165 625		9.170 332		0.829 668	9.995 293		**.580**	
		51		52			1		
421	9.165 676		9.170 384		0.829 616	9.995 292		579	
422	9.165 728	52	9.170 436	52	0.829 564	9.995 291	1	578	
423	9.165 779	51	9.170 489	53	0.829 511	9.995 290	1	577	
		51		52			1		
424	9.165 830		9.170 541		0.829 459	9.995 289		576	
425	9.165 881	51	9.170 593	52	0.829 407	9.995 288	1	575	
426	9.165 932	51	9.170 646	53	0.829 354	9.995 287	1	574	
		51		52			1		
427	9.165 983		9.170 698		0.829 302	9.995 286		573	
428	9.166 035	52	9.170 750	52	0.829 250	9.995 284	2	572	
429	9.166 086	51	9.170 802	52	0.829 198	9.995 283	1	571	
		51		53			1		
.430	9.166 137		9.170 855		0.829 145	9.995 282		**.570**	
		51		52			1		
431	9.166 188		9.170 907		0.829 093	9.995 281		569	
432	9.166 239	51	9.170 959	52	0.829 041	9.995 280	1	568	
433	9.166 290	51	9.171 011	52	0.828 989	9.995 279	1	567	
		51		53			1		
434	9.166 341		9.171 064		0.828 936	9.995 278		566	
435	9.166 393	52	9.171 116	52	0.828 884	9.995 277	1	565	
436	9.166 444	51	9.171 168	52	0.828 832	9.995 275	2	564	
		51		52			1		
437	9.166 495		9.171 220		0.828 780	9.995 274		563	
438	9.166 546	51	9.171 273	53	0.828 727	9.995 273	1	562	
439	9.166 597	51	9.171 325	52	0.828 675	9.995 272	1	561	
		51		52			1		
.440	9.166 648		9.171 377		0.828 623	9.995 271		**.560**	
		51		52			1		
441	9.166 699		9.171 429		0.828 571	9.995 270		559	
442	9.166 750	51	9.171 481	52	0.828 519	9.995 269	1	558	
443	9.166 801	51	9.171 534	53	0.828 466	9.995 268	1	557	
		51		52			2		
444	9.166 852		9.171 586		0.828 414	9.995 266		556	
445	9.166 903	51	9.171 638	52	0.828 362	9.995 265	1	555	
446	9.166 954	51	9.171 690	52	0.828 310	9.995 264	1	554	
		51		52			1		
447	9.167 005		9.171 742		0.828 258	9.995 263		553	
448	9.167 057	52	9.171 795	53	0.828 205	9.995 262	1	552	
449	9.167 108	51	9.171 847	52	0.828 153	9.995 261	1	551	
		51		52			1		
.450	9.167 159		9.171 899		0.828 101	9.995 260		**.550**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	53
1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

	52
1	5.2
2	10.4
3	15.6
4	20.8
5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

81°.600 — 81°.550

$8^\circ.450 - 8^\circ.500$

8°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.167 159		9.171 899		0.828 101	9.995 260		**.550**	
		51		52			1		
451	9.167 210		9.171 951		0.828 049	9.995 259		549	
		51		52			2		
452	9.167 261		9.172 003		0.827 997	9.995 257		548	
		51		52			1		
453	9.167 312		9.172 055		0.827 945	9.995 256		547	
		51		52			1		
454	9.167 363		9.172 107		0.827 893	9.995 255		546	
		51		53			1		
455	9.167 414		9.172 160		0.827 840	9.995 254		545	
		51		52			1		
456	9.167 465		9.172 212		0.827 788	9.995 253		544	
		51		52			1		
457	9.167 516		9.172 264		0.827 736	9.995 252		543	
		51		52			1		
458	9.167 567		9.172 316		0.827 684	9.995 251		542	
		51		52			1		
459	9.167 618		9.172 368		0.827 632	9.995 250		541	
		51		52			2		
.460	9.167 669		9.172 420		0.827 580	9.995 248		**.540**	
		50		52			1		
461	9.167 719		9.172 472		0.827 528	9.995 247		539	
		51		52			1		
462	9.167 770		9.172 524		0.827 476	9.995 246		538	
		51		52			1		
463	9.167 821		9.172 576		0.827 424	9.995 245		537	
		51		52			1		
464	9.167 872		9.172 628		0.827 372	9.995 244		536	
		51		52			1		
465	9.167 923		9.172 680		0.827 320	9.995 243		535	
		51		52			1		
466	9.167 974		9.172 732		0.827 268	9.995 242		534	
		51		53			1		
467	9.168 025		9.172 785		0.827 215	9.995 241		533	
		51		52			2		
468	9.168 076		9.172 837		0.827 163	9.995 239		532	
		51		52			1		
469	9.168 127		9.172 889		0.827 111	9.995 238		531	
		51		52			1		
.470	9.168 178		9.172 941		0.827 059	9.995 237		**.530**	
		51		52			1		
471	9.168 229		9.172 993		0.827 007	9.995 236		529	
		51		52			1		
472	9.168 280		9.173 045		0.826 955	9.995 235		528	
		50		52			1		
473	9.168 330		9.173 097		0.826 903	9.995 234		527	
		51		52			1		
474	9.168 381		9.173 149		0.826 851	9.995 233		526	
		51		52			1		
475	9.168 432		9.173 201		0.826 799	9.995 232		525	
		51		52			2		
476	9.168 483		9.173 253		0.826 747	9.995 230		524	
		51		52			1		
477	9.168 534		9.173 305		0.826 695	9.995 229		523	
		51		52			1		
478	9.168 585		9.173 357		0.826 643	9.995 228		522	
		51		52			1		
479	9.168 636		9.173 409		0.826 591	9.995 227		521	
		51		52			1		
.480	9.168 687		9.173 461		0.826 539	9.995 226		**.520**	
		50		52			1		
481	9.168 737		9.173 513		0.826 487	9.995 225		519	
		51		52			1		
482	9.168 788		9.173 565		0.826 435	9.995 224		518	
		51		52			2		
483	9.168 839		9.173 617		0.826 383	9.995 222		517	
		51		51			1		
484	9.168 890		9.173 668		0.826 332	9.995 221		516	
		51		52			1		
485	9.168 941		9.173 720		0.826 280	9.995 220		515	
		50		52			1		
486	9.168 991		9.173 772		0.826 228	9.995 219		514	
		51		52			1		
487	9.169 042		9.173 824		0.826 176	9.995 218		513	
		51		52			1		
488	9.169 093		9.173 876		0.826 124	9.995 217		512	
		51		52			1		
489	9.169 144		9.173 928		0.826 072	9.995 216		511	
		51		52			1		
.490	9.169 195		9.173 980		0.826 020	9.995 215		**.510**	
		50		52			2		
491	9.169 245		9.174 032		0.825 968	9.995 213		509	
		51		52			1		
492	9.169 296		9.174 084		0.825 916	9.995 212		508	
		51		52			1		
493	9.169 347		9.174 136		0.825 864	9.995 211		507	
		51		52			1		
494	9.169 398		9.174 188		0.825 812	9.995 210		506	
		50		52			1		
495	9.169 448		9.174 240		0.825 760	9.995 209		505	
		51		51			1		
496	9.169 499		9.174 291		0.825 709	9.995 208		504	
		51		52			1		
497	9.169 550		9.174 343		0.825 657	9.995 207		503	
		51		52			1		
498	9.169 601		9.174 395		0.825 605	9.995 206		502	
		50		52			2		
499	9.169 651		9.174 447		0.825 553	9.995 204		501	
		51		52			1		
.500	9.169 702		9.174 499		0.825 501	9.995 203		**.500**	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

	53
1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

	52
1	5.2
2	10.4
3	15.6
4	20.8
5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

$81^\circ.550 - 81^\circ.500$

$8^\circ.500 - 8^\circ.550$

8°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.169 702		9.174 499		0.825 501	9.995 203		**.500**	
		51		52			1		
501	9.169 753		9.174 551		0.825 449	9.995 202		499	
502	9.169 804	51	9.174 603	52	0.825 397	9.995 201	1	498	
503	9.169 854	50	9.174 654	51	0.825 346	9.995 200	1	497	
		51		52			1		
504	9.169 905		9.174 706		0.825 294	9.995 199		496	
505	9.169 956	51	9.174 758	52	0.825 242	9.995 198	1	495	
506	9.170 006	50	9.174 810	52	0.825 190	9.995 196	2	494	
		51		52			1		
507	9.170 057		9.174 862		0.825 138	9.995 195		493	
508	9.170 108	51	9.174 913	51	0.825 087	9.995 194	1	492	
509	9.170 158	50	9.174 965	52	0.825 035	9.995 193	1	491	
		51		52			1		
.510	9.170 209		9.175 017		0.824 983	9.995 192		**.490**	
		51		52			1		
511	9.170 260		9.175 069		0.824 931	9.995 191		489	
512	9.170 310	50	9.175 121	52	0.824 879	9.995 190	1	488	
513	9.170 361	51	9.175 172	51	0.824 828	9.995 189	1	487	
		51		52			2		
514	9.170 412		9.175 224		0.824 776	9.995 187		486	
515	9.170 462	50	9.175 276	52	0.824 724	9.995 186	1	485	
516	9.170 513	51	9.175 328	52	0.824 672	9.995 185	1	484	
		50		51			1		
517	9.170 563		9.175 379		0.824 621	9.995 184		483	
518	9.170 614	51	9.175 431	52	0.824 569	9.995 183	1	482	
519	9.170 665	51	9.175 483	52	0.824 517	9.995 182	1	481	
		50		52			1		
.520	9.170 715		9.175 535		0.824 465	9.995 181		**.480**	
		51		51			2		
521	9.170 766		9.175 586		0.824 414	9.995 179		479	
522	9.170 816	50	9.175 638	52	0.824 362	9.995 178	1	478	
523	9.170 867	51	9.175 690	52	0.824 310	9.995 177	1	477	
		51		52			1		
524	9.170 918		9.175 742		0.824 258	9.995 176		476	
525	9.170 968	50	9.175 793	51	0.824 207	9.995 175	1	475	
526	9.171 019	51	9.175 845	52	0.824 155	9.995 174	1	474	
		50		52			1		
527	9.171 069		9.175 897		0.824 103	9.995 173		473	
528	9.171 120	51	9.175 948	51	0.824 052	9.995 171	2	472	
529	9.171 170	50	9.176 000	52	0.824 000	9.995 170	1	471	
		51		52			1		
.530	9.171 221		9.176 052		0.823 948	9.995 169		**.470**	
		50		51			1		
531	9.171 271		9.176 103		0.823 897	9.995 168		469	
532	9.171 322	51	9.176 155	52	0.823 845	9.995 167	1	468	
533	9.171 372	50	9.176 207	52	0.823 793	9.995 166	1	467	
		51		51			1		
534	9.171 423		9.176 258		0.823 742	9.995 165		466	
535	9.171 474	51	9.176 310	52	0.823 690	9.995 164	1	465	
536	9.171 524	50	9.176 362	52	0.823 638	9.995 162	2	464	
		51		51			1		
537	9.171 575		9.176 413		0.823 587	9.995 161		463	
538	9.171 625	50	9.176 465	52	0.823 535	9.995 160	1	462	
539	9.171 676	51	9.176 517	52	0.823 483	9.995 159	1	461	
		50		51			1		
.540	9.171 726		9.176 568		0.823 432	9.995 158		**.460**	
		50		52			1		
541	9.171 776		9.176 620		0.823 380	9.995 157		459	
542	9.171 827	51	9.176 671	51	0.823 329	9.995 156	1	458	
543	9.171 877	50	9.176 723	52	0.823 277	9.995 154	2	457	
		51		52			1		
544	9.171 928		9.176 775		0.823 225	9.995 153		456	
545	9.171 978	50	9.176 826	51	0.823 174	9.995 152	1	455	
546	9.172 029	51	9.176 878	52	0.823 122	9.995 151	1	454	
		50		51			1		
547	9.172 079		9.176 929		0.823 071	9.995 150		453	
548	9.172 130	51	9.176 981	52	0.823 019	9.995 149	1	452	
549	9.172 180	50	9.177 032	51	0.822 968	9.995 148	1	451	
		50		52			2		
.550	9.172 230		9.177 084		0.822 916	9.995 146		**.450**	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

	52
1	5.2
2	10.4
3	15.6
4	20.8
5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

$81^\circ.500 - 81^\circ.450$

8°.550 — 8°.600

8°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.172 230		9.177 084		0.822 916	9.995 146		**.450**	
		51		52			1		
551	9.172 281		9.177 136		0.822 864	9.995 145		449	
		50		51			1		
552	9.172 331		9.177 187		0.822 813	9.995 144		448	
		51		52			1		
553	9.172 382		9.177 239		0.822 761	9.995 143		447	
		50		51			1		
554	9.172 432		9.177 290		0.822 710	9.995 142		446	
		50		52			1		
555	9.172 482		9.177 342		0.822 658	9.995 141		445	
		51		51			1		
556	9.172 533		9.177 393		0.822 607	9.995 140		444	
		50		52			2		
557	9.172 583		9.177 445		0.822 555	9.995 138		443	
		51		51			1		
558	9.172 634		9.177 496		0.822 504	9.995 137		442	
		50		52			1		
559	9.172 684		9.177 548		0.822 452	9.995 136		441	
		50		51			1		
.560	9.172 734		9.177 599		0.822 401	9.995 135		**.440**	
		51		52			1		
561	9.172 785		9.177 651		0.822 349	9.995 134		439	
		50		51			1		
562	9.172 835		9.177 702		0.822 298	9.995 133		438	
		50		52			1		
563	9.172 885		9.177 754		0.822 246	9.995 132		437	
		51		51			2		
564	9.172 936		9.177 805		0.822 195	9.995 130		436	
		50		52			1		
565	9.172 986		9.177 857		0.822 143	9.995 129		435	
		50		51			1		
566	9.173 036		9.177 908		0.822 092	9.995 128		434	
		51		52			1		
567	9.173 087		9.177 960		0.822 040	9.995 127		433	
		50		51			1		
568	9.173 137		9.178 011		0.821 989	9.995 126		432	
		50		52			1		
569	9.173 187		9.178 063		0.821 937	9.995 125		431	
		51		51			1		
.570	9.173 238		9.178 114		0.821 886	9.995 124		**.430**	
		50		51			2		
571	9.173 288		9.178 165		0.821 835	9.995 122		429	
		50		52			1		
572	9.173 338		9.178 217		0.821 783	9.995 121		428	
		50		51			1		
573	9.173 388		9.178 268		0.821 732	9.995 120		427	
		51		52			1		
574	9.173 439		9.178 320		0.821 680	9.995 119		426	
		50		51			1		
575	9.173 489		9.178 371		0.821 629	9.995 118		425	
		50		52			1		
576	9.173 539		9.178 423		0.821 577	9.995 117		424	
		51		51			1		
577	9.173 590		9.178 474		0.821 526	9.995 116		423	
		50		51			2		
578	9.173 640		9.178 525		0.821 475	9.995 114		422	
		50		52			1		
579	9.173 690		9.178 577		0.821 423	9.995 113		421	
		50		51			1		
.580	9.173 740		9.178 628		0.821 372	9.995 112		**.420**	
		51		51			1		
581	9.173 791		9.178 679		0.821 321	9.995 111		419	
		50		52			1		
582	9.173 841		9.178 731		0.821 269	9.995 110		418	
		50		51			1		
583	9.173 891		9.178 782		0.821 218	9.995 109		417	
		50		52			1		
584	9.173 941		9.178 834		0.821 166	9.995 108		416	
		50		51			2		
585	9.173 991		9.178 885		0.821 115	9.995 106		415	
		51		51			1		
586	9.174 042		9.178 936		0.821 064	9.995 105		414	
		50		52			1		
587	9.174 092		9.178 988		0.821 012	9.995 104		413	
		50		51			1		
588	9.174 142		9.179 039		0.820 961	9.995 103		412	
		50		51			1		
589	9.174 192		9.179 090		0.820 910	9.995 102		411	
		50		52			1		
.590	9.174 242		9.179 142		0.820 858	9.995 101		**.410**	
		51		51			1		
591	9.174 293		9.179 193		0.820 807	9.995 100		409	
		50		51			2		
592	9.174 343		9.179 244		0.820 756	9.995 098		408	
		50		52			1		
593	9.174 393		9.179 296		0.820 704	9.995 097		407	
		50		51			1		
594	9.174 443		9.179 347		0.820 653	9.995 096		406	
		50		51			1		
595	9.174 493		9.179 398		0.820 602	9.995 095		405	
		50		51			1		
596	9.174 543		9.179 449		0.820 551	9.995 094		404	
		50		52			1		
597	9.174 593		9.179 501		0.820 499	9.995 093		403	
		51		51			1		
598	9.174 644		9.179 552		0.820 448	9.995 092		402	
		50		51			2		
599	9.174 694		9.179 603		0.820 397	9.995 090		401	
		50		52			1		
.600	9.174 744		9.179 655		0.820 345	9.995 089		**.400**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	52
1	5.2
2	10.4
3	15.6
4	20.8
5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

81°.450 — 81°.400

8°.600 — 8°.650

8°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.174 744		9.179 655		0.820 345	9.995 089		**.400**	
		50		51			1		
601	9.174 794		9.179 706		0.820 294	9.995 088		399	
602	9.174 844	50	9.179 757	51	0.820 243	9.995 087	1	398	
603	9.174 894	50	9.179 808	51	0.820 192	9.995 086	1	397	
		50		52			1		52
604	9.174 944		9.179 860		0.820 140	9.995 085		396	1 5.2
605	9.174 994	50	9.179 911	51	0.820 089	9.995 084	1	395	2 10.4
606	9.175 044	50	9.179 962	51	0.820 038	9.995 082	2	394	3 15.6
		51		51			1		4 20.8
607	9.175 095		9.180 013		0.819 987	9.995 081		393	5 26.0
608	9.175 145	50	9.180 064	51	0.819 936	9.995 080	1	392	6 31.2
609	9.175 195	50	9.180 116	52	0.819 884	9.995 079	1	391	7 36.4
		50		51			1		8 41.6
.610	9.175 245		9.180 167		0.819 833	9.995 078		**.390**	9 46.8
		50		51			1		
611	9.175 295		9.180 218		0.819 782	9.995 077		389	
612	9.175 345	50	9.180 269	51	0.819 731	9.995 076	1	388	
613	9.175 395	50	9.180 321	52	0.819 679	9.995 074	2	387	
		50		51			1		
614	9.175 445		9.180 372		0.819 628	9.995 073		386	
615	9.175 495	50	9.180 423	51	0.819 577	9.995 072	1	385	51
616	9.175 545	50	9.180 474	51	0.819 526	9.995 071	1	384	
		50		51			1		1 5.1
617	9.175 595		9.180 525		0.819 475	9.995 070		383	2 10.2
618	9.175 645	50	9.180 576	51	0.819 424	9.995 069	1	382	3 15.3
619	9.175 695	50	9.180 628	52	0.819 372	9.995 067	2	381	4 20.4
		50		51			1		5 25.5
.620	9.175 745		9.180 679		0.819 321	9.995 066		**.380**	6 30.6
		50		51			1		7 35.7
621	9.175 795		9.180 730		0.819 270	9.995 065		379	8 40.8
622	9.175 845	50	9.180 781	51	0.819 219	9.995 064	1	378	9 45.9
623	9.175 895	50	9.180 832	51	0.819 168	9.995 063	1	377	
		50		51			1		
624	9.175 945		9.180 883		0.819 117	9.995 062		376	
625	9.175 995	50	9.180 934	51	0.819 066	9.995 061	1	375	
626	9.176 045	50	9.180 986	52	0.819 014	9.995 059	2	374	
		50		51			1		
627	9.176 095		9.181 037		0.818 963	9.995 058		373	50
628	9.176 145	50	9.181 088	51	0.818 912	9.995 057	1	372	
629	9.176 195	50	9.181 139	51	0.818 861	9.995 056	1	371	1 5.0
		50		51			1		2 10.0
.630	9.176 245		9.181 190		0.818 810	9.995 055		**.370**	3 15.0
		50		51			1		4 20.0
631	9.176 295		9.181 241		0.818 759	9.995 054		369	5 25.0
632	9.176 345	50	9.181 292	51	0.818 708	9.995 053	1	368	6 30.0
633	9.176 395	50	9.181 343	51	0.818 657	9.995 051	2	367	7 35.0
		50		51			1		8 40.0
634	9.176 445		9.181 394		0.818 606	9.995 050		366	9 45.0
635	9.176 494	49	9.181 445	51	0.818 555	9.995 049	1	365	
636	9.176 544	50	9.181 496	51	0.818 504	9.995 048	1	364	
		50		51			1		
637	9.176 594		9.181 547		0.818 453	9.995 047		363	
638	9.176 644	50	9.181 598	51	0.818 402	9.995 046	1	362	
639	9.176 694	50	9.181 650	52	0.818 350	9.995 044	2	361	49
		50		51			1		
.640	9.176 744		9.181 701		0.818 299	9.995 043		**.360**	1 4.9
		50		51			1		2 9.8
641	9.176 794		9.181 752		0.818 248	9.995 042		359	3 14.7
642	9.176 844	50	9.181 803	51	0.818 197	9.995 041	1	358	4 19.6
643	9.176 894	50	9.181 854	51	0.818 146	9.995 040	1	357	5 24.5
		49		51			1		6 29.4
644	9.176 943		9.181 905		0.818 095	9.995 039		356	7 34.3
645	9.176 993	50	9.181 956	51	0.818 044	9.995 038	1	355	8 39.2
646	9.177 043	50	9.182 007	51	0.817 993	9.995 036	2	354	9 44.1
		50		51			1		
647	9.177 093		9.182 058		0.817 942	9.995 035		353	
648	9.177 143	50	9.182 109	51	0.817 891	9.995 034	1	352	
649	9.177 193	50	9.182 160	51	0.817 840	9.995 033	1	351	
		49		51			1		
.650	9.177 242		9.182 211		0.817 789	9.995 032		**.350**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

81°.400 — 81°.350

8°.650 — 8°.700

8°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.177 242		9.182 211		0.817 789	9.995 032		**.350**	
		50		51			1		
651	9.177 292		9.182 262		0.817 738	9.995 031		349	
652	9.177 342	50	9.182 313	51	0.817 687	9.995 030	1	348	
653	9.177 392	50	9.182 364	51	0.817 636	9.995 028	2	347	
		50		51			1		
654	9.177 442		9.182 415		0.817 585	9.995 027		346	
655	9.177 492	50	9.182 465	50	0.817 535	9.995 026	1	345	
656	9.177 541	49	9.182 516	51	0.817 484	9.995 025	1	344	
		50		51			1		
657	9.177 591		9.182 567		0.817 433	9.995 024		343	
658	9.177 641	50	9.182 618	51	0.817 382	9.995 023	1	342	
659	9.177 691	50	9.182 669	51	0.817 331	9.995 021	2	341	
		49		51			1		
.660	9.177 740		9.182 720		0.817 280	9.995 020		**.340**	
		50		51			1		
661	9.177 790		9.182 771		0.817 229	9.995 019		339	
662	9.177 840	50	9.182 822	51	0.817 178	9.995 018	1	338	
663	9.177 890	50	9.182 873	51	0.817 127	9.995 017	1	337	
		49		51			1		
664	9.177 939		9.182 924		0.817 076	9.995 016		336	
665	9.177 989	50	9.182 975	51	0.817 025	9.995 015	1	335	
666	9.178 039	50	9.183 026	51	0.816 974	9.995 013	2	334	
		50		50			1		
667	9.178 089		9.183 076		0.816 924	9.995 012		333	
668	9.178 138	49	9.183 127	51	0.816 873	9.995 011	1	332	
669	9.178 188	50	9.183 178	51	0.816 822	9.995 010	1	331	
		50		51			1		
.670	9.178 238		9.183 229		0.816 771	9.995 009		**.330**	
		50		51			1		
671	9.178 288		9.183 280		0.816 720	9.995 008		329	
672	9.178 337	49	9.183 331	51	0.816 669	9.995 006	2	328	
673	9.178 387	50	9.183 382	51	0.816 618	9.995 005	1	327	
		50		50			1		
674	9.178 437		9.183 432		0.816 568	9.995 004		326	
675	9.178 486	49	9.183 483	51	0.816 517	9.995 003	1	325	
676	9.178 536	50	9.183 534	51	0.816 466	9.995 002	1	324	
		50		51			1		
677	9.178 586		9.183 585		0.816 415	9.995 001		323	
678	9.178 635	49	9.183 636	51	0.816 364	9.994 999	2	322	
679	9.178 685	50	9.183 687	51	0.816 313	9.994 998	1	321	
		50		50			1		
.680	9.178 735		9.183 737		0.816 263	9.994 997		**.320**	
		49		51			1		
681	9.178 784		9.183 788		0.816 212	9.994 996		319	
682	9.178 834	50	9.183 839	51	0.816 161	9.994 995	1	318	
683	9.178 884	50	9.183 890	51	0.816 110	9.994 994	1	317	
		49		51			1		
684	9.178 933		9.183 941		0.816 059	9.994 993		316	
685	9.178 983	50	9.183 991	50	0.816 009	9.994 991	2	315	
686	9.179 032	49	9.184 042	51	0.815 958	9.994 990	1	314	
		50		51			1		
687	9.179 082		9.184 093		0.815 907	9.994 989		313	
688	9.179 132	50	9.184 144	51	0.815 856	9.994 988	1	312	
689	9.179 181	49	9.184 194	50	0.815 806	9.994 987	1	311	
		50		51			1		
.690	9.179 231		9.184 245		0.815 755	9.994 986		**.310**	
		49		51			2		
691	9.179 280		9.184 296		0.815 704	9.994 984		309	
692	9.179 330	50	9.184 347	51	0.815 653	9.994 983	1	308	
693	9.179 380	50	9.184 397	50	0.815 603	9.994 982	1	307	
		49		51			1		
694	9.179 429		9.184 448		0.815 552	9.994 981		306	
695	9.179 479	50	9.184 499	51	0.815 501	9.994 980	1	305	
696	9.179 528	49	9.184 550	51	0.815 450	9.994 979	1	304	
		50		50			2		
697	9.179 578		9.184 600		0.815 400	9.994 977		303	
698	9.179 627	49	9.184 651	51	0.815 349	9.994 976	1	302	
699	9.179 677	50	9.184 702	51	0.815 298	9.994 975	1	301	
		49		50			1		
.700	9.179 726		9.184 752		0.815 248	9.994 974		**.300**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

	49
1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

81°.350 — 81°.300

$8^\circ.700 - 8^\circ.750$

8°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.179 726		9.184 752		0.815 248	9.994 974		**.300**	
		50		51			1		
701	9.179 776		9.184 803		0.815 197	9.994 973		299	
702	9.179 826	50	9.184 854	51	0.815 146	9.994 972	1	298	
703	9.179 875	49	9.184 905	51	0.815 095	9.994 971	1	297	
		50		50			2		
704	9.179 925		9.184 955		0.815 045	9.994 969		296	
705	9.179 974	49	9.185 006	51	0.814 994	9.994 968	1	295	
706	9.180 024	50	9.185 057	51	0.814 943	9.994 967	1	294	
		49		50			1		
707	9.180 073		9.185 107		0.814 893	9.994 966		293	
708	9.180 123	50	9.185 158	51	0.814 842	9.994 965	1	292	
709	9.180 172	49	9.185 208	50	0.814 792	9.994 964	1	291	
		50		51			2		
.710	9.180 222		9.185 259		0.814 741	9.994 962		**.290**	
		49		51			1		
711	9.180 271		9.185 310		0.814 690	9.994 961		289	
712	9.180 320	49	9.185 360	50	0.814 640	9.994 960	1	288	
713	9.180 370	50	9.185 411	51	0.814 589	9.994 959	1	287	
		49		51			1		
714	9.180 419		9.185 462		0.814 538	9.994 958		286	
715	9.180 469	50	9.185 512	50	0.814 488	9.994 957	1	285	
716	9.180 518	49	9.185 563	51	0.814 437	9.994 955	2	284	
		50		50			1		
717	9.180 568		9.185 613		0.814 387	9.994 954		283	
718	9.180 617	49	9.185 664	51	0.814 336	9.994 953	1	282	
719	9.180 667	50	9.185 715	51	0.814 285	9.994 952	1	281	
		49		50			1		
.720	9.180 716		9.185 765		0.814 235	9.994 951		**.280**	
		49		51			1		
721	9.180 765		9.185 816		0.814 184	9.994 950		279	
722	9.180 815	50	9.185 866	50	0.814 134	9.994 948	2	278	
723	9.180 864	49	9.185 917	51	0.814 083	9.994 947	1	277	
		50		51			1		
724	9.180 914		9.185 968		0.814 032	9.994 946		276	
725	9.180 963	49	9.186 018	50	0.813 982	9.994 945	1	275	
726	9.181 012	49	9.186 069	51	0.813 931	9.994 944	1	274	
		50		50			1		
727	9.181 062		9.186 119		0.813 881	9.994 943		273	
728	9.181 111	49	9.186 170	51	0.813 830	9.994 941	2	272	
729	9.181 161	50	9.186 220	50	0.813 780	9.994 940	1	271	
		49		51			1		
.730	9.181 210		9.186 271		0.813 729	9.994 939		**.270**	
		49		50			1		
731	9.181 259		9.186 321		0.813 679	9.994 938		269	
732	9.181 309	50	9.186 372	51	0.813 628	9.994 937	1	268	
733	9.181 358	49	9.186 422	50	0.813 578	9.994 936	1	267	
		49		51			2		
734	9.181 407		9.186 473		0.813 527	9.994 934		266	
735	9.181 457	50	9.186 523	50	0.813 477	9.994 933	1	265	
736	9.181 506	49	9.186 574	51	0.813 426	9.994 932	1	264	
		49		50			1		
737	9.181 555		9.186 624		0.813 376	9.994 931		263	
738	9.181 605	50	9.186 675	51	0.813 325	9.994 930	1	262	
739	9.181 654	49	9.186 725	50	0.813 275	9.994 929	1	261	
		49		51			2		
.740	9.181 703		9.186 776		0.813 224	9.994 927		**.260**	
		50		50			1		
741	9.181 753		9.186 826		0.813 174	9.994 926		259	
742	9.181 802	49	9.186 877	51	0.813 123	9.994 925	1	258	
743	9.181 851	49	9.186 927	50	0.813 073	9.994 924	1	257	
		49		51			1		
744	9.181 900		9.186 978		0.813 022	9.994 923		256	
745	9.181 950	50	9.187 028	50	0.812 972	9.994 922	1	255	
746	9.181 999	49	9.187 078	50	0.812 922	9.994 920	2	254	
		49		51			1		
747	9.182 048		9.187 129		0.812 871	9.994 919		253	
748	9.182 097	49	9.187 179	50	0.812 821	9.994 918	1	252	
749	9.182 147	50	9.187 230	51	0.812 770	9.994 917	1	251	
		49		50			1		
.750	9.182 196		9.187 280		0.812 720	9.994 916		**.250**	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

	49
1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

$81^\circ.300 - 81^\circ.250$

$8^\circ.750 - 8^\circ.800$

8°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.182 196		9.187 280		0.812 720	9.994 916		**.250**	
		49		51			1		
751	9.182 245		9.187 331		0.812 669	9.994 915		249	
752	9.182 294	49	9.187 381	50	0.812 619	9.994 913	2	248	
753	9.182 344	50	9.187 431	50	0.812 569	9.994 912	1	247	
		49		51			1		
754	9.182 393		9.187 482		0.812 518	9.994 911		246	
755	9.182 442	49	9.187 532	50	0.812 468	9.994 910	1	245	
756	9.182 491	49	9.187 583	51	0.812 417	9.994 909	1	244	
		50		50			1		
757	9.182 541		9.187 633		0.812 367	9.994 908		243	
758	9.182 590	49	9.187 683	50	0.812 317	9.994 906	2	242	
759	9.182 639	49	9.187 734	51	0.812 266	9.994 905	1	241	
		49		50			1		
.760	9.182 688		9.187 784		0.812 216	9.994 904		**.240**	
		49		50			1		
761	9.182 737		9.187 834		0.812 166	9.994 903		239	
762	9.182 787	50	9.187 885	51	0.812 115	9.994 902	1	238	
763	9.182 836	49	9.187 935	50	0.812 065	9.994 901	1	237	
		49		50			2		
764	9.182 885		9.187 985		0.812 015	9.994 899		236	
765	9.182 934	49	9.188 036	51	0.811 964	9.994 898	1	235	
766	9.182 983	49	9.188 086	50	0.811 914	9.994 897	1	234	
		49		50			1		
767	9.183 032		9.188 136		0.811 864	9.994 896		233	
768	9.183 082	50	9.188 187	51	0.811 813	9.994 895	1	232	
769	9.183 131	49	9.188 237	50	0.811 763	9.994 894	1	231	
		49		50			2		
.770	9.183 180		9.188 287		0.811 713	9.994 892		**.230**	
		49		51			1		
771	9.183 229		9.188 338		0.811 662	9.994 891		229	
772	9.183 278	49	9.188 388	50	0.811 612	9.994 890	1	228	
773	9.183 327	49	9.188 438	50	0.811 562	9.994 889	1	227	
		49		50			1		
774	9.183 376		9.188 488		0.811 512	9.994 888		226	
775	9.183 425	49	9.188 539	51	0.811 461	9.994 887	1	225	
776	9.183 474	49	9.188 589	50	0.811 411	9.994 885	2	224	
		50		50			1		
777	9.183 524		9.188 639		0.811 361	9.994 884		223	
778	9.183 573	49	9.188 690	51	0.811 310	9.994 883	1	222	
779	9.183 622	49	9.188 740	50	0.811 260	9.994 882	1	221	
		49		50			1		
.780	9.183 671		9.188 790		0.811 210	9.994 881		**.220**	
		49		50			1		
781	9.183 720		9.188 840		0.811 160	9.994 880		219	
782	9.183 769	49	9.188 891	51	0.811 109	9.994 878	2	218	
783	9.183 818	49	9.188 941	50	0.811 059	9.994 877	1	217	
		49		50			1		
784	9.183 867		9.188 991		0.811 009	9.994 876		216	
785	9.183 916	49	9.189 041	50	0.810 959	9.994 875	1	215	
786	9.183 965	49	9.189 091	50	0.810 909	9.994 874	1	214	
		49		51			1		
787	9.184 014		9.189 142		0.810 858	9.994 873		213	
788	9.184 063	49	9.189 192	50	0.810 808	9.994 871	2	212	
789	9.184 112	49	9.189 242	50	0.810 758	9.994 870	1	211	
		49		50			1		
.790	9.184 161		9.189 292		0.810 708	9.994 869		**.210**	
		49		50			1		
791	9.184 210		9.189 342		0.810 658	9.994 868		209	
792	9.184 259	49	9.189 393	51	0.810 607	9.994 867	1	208	
793	9.184 308	49	9.189 443	50	0.810 557	9.994 866	1	207	
		49		50			2		
794	9.184 357		9.189 493		0.810 507	9.994 864		206	
795	9.184 406	49	9.189 543	50	0.810 457	9.994 863	1	205	
796	9.184 455	49	9.189 593	50	0.810 407	9.994 862	1	204	
		49		50			1		
797	9.184 504		9.189 643		0.810 357	9.994 861		203	
798	9.184 553	49	9.189 694	51	0.810 306	9.994 860	1	202	
799	9.184 602	49	9.189 744	50	0.810 256	9.994 858	2	201	
		49		50			1		
.800	9.184 651		9.189 794		0.810 206	9.994 857		**.200**	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

	49
1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

$81^\circ.250 - 81^\circ.200$

8°.800 — 8°.850

8°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.184 651	49	9.189 794	50	0.810 206	9.994 857	1	**.200**	
801	9.184 700	49	9.189 844	50	0.810 156	9.994 856	1	199	
802	9.184 749	49	9.189 894	50	0.810 106	9.994 855	1	198	
803	9.184 798	49	9.189 944	50	0.810 056	9.994 854	1	197	
804	9.184 847	49	9.189 994	51	0.810 006	9.994 853	2	196	51
805	9.184 896	49	9.190 045	50	0.809 955	9.994 851	1	195	1 5.1
806	9.184 945	49	9.190 095	50	0.809 905	9.994 850	1	194	2 10.2
807	9.184 994	49	9.190 145	50	0.809 855	9.994 849	1	193	3 15.3
808	9.185 043	49	9.190 195	50	0.809 805	9.994 848	1	192	4 20.4
809	9.185 092	49	9.190 245	50	0.809 755	9.994 847	1	191	5 25.5
.810	9.185 141	48	9.190 295	50	0.809 705	9.994 846	1	**.190**	6 30.6
811	9.185 189	49	9.190 345	50	0.809 655	9.994 844	2	189	7 35.7
812	9.185 238	49	9.190 395	50	0.809 605	9.994 843	1	188	8 40.8
813	9.185 287	49	9.190 445	50	0.809 555	9.994 842	1	187	9 45.9
814	9.185 336	49	9.190 495	50	0.809 505	9.994 841	1	186	
815	9.185 385	49	9.190 545	50	0.809 455	9.994 840	1	185	
816	9.185 434	49	9.190 595	50	0.809 405	9.994 839	1	184	50
817	9.185 483	49	9.190 645	50	0.809 355	9.994 837	2	183	1 5.0
818	9.185 532	49	9.190 695	50	0.809 305	9.994 836	1	182	2 10.0
819	9.185 581	49	9.190 745	50	0.809 255	9.994 835	1	181	3 15.0
.820	9.185 629	48	9.190 796	51	0.809 204	9.994 834	1	**.180**	4 20.0
821	9.185 678	49	9.190 846	50	0.809 154	9.994 833	1	179	5 25.0
822	9.185 727	49	9.190 896	50	0.809 104	9.994 831	2	178	6 30.0
823	9.185 776	49	9.190 946	50	0.809 054	9.994 830	1	177	7 35.0
824	9.185 825	49	9.190 996	50	0.809 004	9.994 829	1	176	8 40.0
825	9.185 874	49	9.191 046	50	0.808 954	9.994 828	1	175	9 45.0
826	9.185 922	48	9.191 096	50	0.808 904	9.994 827	1	174	
827	9.185 971	49	9.191 146	50	0.808 854	9.994 826	1	173	
828	9.186 020	49	9.191 196	50	0.808 804	9.994 824	2	172	49
829	9.186 069	49	9.191 246	50	0.808 754	9.994 823	1	171	1 4.9
.830	9.186 118	49	9.191 296	50	0.808 704	9.994 822	1	**.170**	2 9.8
831	9.186 166	48	9.191 345	49	0.808 655	9.994 821	1	169	3 14.7
832	9.186 215	49	9.191 395	50	0.808 605	9.994 820	1	168	4 19.6
833	9.186 264	49	9.191 445	50	0.808 555	9.994 819	1	167	5 24.5
834	9.186 313	49	9.191 495	50	0.808 505	9.994 817	2	166	6 29.4
835	9.186 361	48	9.191 545	50	0.808 455	9.994 816	1	165	7 34.3
836	9.186 410	49	9.191 595	50	0.808 405	9.994 815	1	164	8 39.2
837	9.186 459	49	9.191 645	50	0.808 355	9.994 814	1	163	9 44.1
838	9.186 508	49	9.191 695	50	0.808 305	9.994 813	1	162	
839	9.186 556	48	9.191 745	50	0.808 255	9.994 811	2	161	
.840	9.186 605	49	9.191 795	50	0.808 205	9.994 810	1	**.160**	48
841	9.186 654	49	9.191 845	50	0.808 155	9.994 809	1	159	1 4.8
842	9.186 703	49	9.191 895	50	0.808 105	9.994 808	1	158	2 9.6
843	9.186 751	48	9.191 945	50	0.808 055	9.994 807	1	157	3 14.4
844	9.186 800	49	9.191 995	50	0.808 005	9.994 806	1	156	4 19.2
845	9.186 849	49	9.192 044	49	0.807 956	9.994 804	2	155	5 24.0
846	9.186 898	49	9.192 094	50	0.807 906	9.994 803	1	154	6 28.8
847	9.186 946	48	9.192 144	50	0.807 856	9.994 802	1	153	7 33.6
848	9.186 995	49	9.192 194	50	0.807 806	9.994 801	1	152	8 38.4
849	9.187 044	49	9.192 244	50	0.807 756	9.994 800	1	151	9 43.2
.850	9.187 092	48	9.192 294	50	0.807 706	9.994 798	2	**.150**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

81°.200 — 81°.150

$8^\circ.850 - 8^\circ.900$

8°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.187 092		9.192 294		0.807 706	9.994 798		**.150**	
		49		50			1		
851	9.187 141		9.192 344		0.807 656	9.994 797		149	
852	9.187 190	49	9.192 394	50	0.807 606	9.994 796	1	148	
853	9.187 238	48	9.192 443	49	0.807 557	9.994 795	1	147	
		49		50			1		
854	9.187 287		9.192 493		0.807 507	9.994 794		146	
855	9.187 336	49	9.192 543	50	0.807 457	9.994 793	1	145	
856	9.187 384	48	9.192 593	50	0.807 407	9.994 791	2	144	
		49		50			1		
857	9.187 433		9.192 643		0.807 357	9.994 790		143	
858	9.187 482	49	9.192 693	50	0.807 307	9.994 789	1	142	
859	9.187 530	48	9.192 742	49	0.807 258	9.994 788	1	141	
		49		50			1		
.860	9.187 579		9.192 792		0.807 208	9.994 787		**.140**	
		48		50			2		
861	9.187 627		9.192 842		0.807 158	9.994 785		139	
862	9.187 676	49	9.192 892	50	0.807 108	9.994 784	1	138	
863	9.187 725	49	9.192 942	50	0.807 058	9.994 783	1	137	
		48		49			1		
864	9.187 773		9.192 991		0.807 009	9.994 782		136	
865	9.187 822	49	9.193 041	50	0.806 959	9.994 781	1	135	
866	9.187 871	49	9.193 091	50	0.806 909	9.994 780	1	134	
		48		50			2		
867	9.187 919		9.193 141		0.806 859	9.994 778		133	
868	9.187 968	49	9.193 190	49	0.806 810	9.994 777	1	132	
869	9.188 016	48	9.193 240	50	0.806 760	9.994 776	1	131	
		49		50			1		
.870	9.188 065		9.193 290		0.806 710	9.994 775		**.130**	
		48		50			1		
871	9.188 113		9.193 340		0.806 660	9.994 774		129	
872	9.188 162	49	9.193 390	50	0.806 610	9.994 772	2	128	
873	9.188 211	49	9.193 439	49	0.806 561	9.994 771	1	127	
		48		50			1		
874	9.188 259		9.193 489		0.806 511	9.994 770		126	
875	9.188 308	49	9.193 539	50	0.806 461	9.994 769	1	125	
876	9.188 356	48	9.193 588	49	0.806 412	9.994 768	1	124	
		49		50			1		
877	9.188 405		9.193 638		0.806 362	9.994 767		123	
878	9.188 453	48	9.193 688	50	0.806 312	9.994 765	2	122	
879	9.188 502	49	9.193 738	50	0.806 262	9.994 764	1	121	
		48		49			1		
.880	9.188 550		9.193 787		0.806 213	9.994 763		**.120**	
		49		50			1		
881	9.188 599		9.193 837		0.806 163	9.994 762		119	
882	9.188 647	48	9.193 887	50	0.806 113	9.994 761	1	118	
883	9.188 696	49	9.193 936	49	0.806 064	9.994 759	2	117	
		48		50			1		
884	9.188 744		9.193 986		0.806 014	9.994 758		116	
885	9.188 793	49	9.194 036	50	0.805 964	9.994 757	1	115	
886	9.188 841	48	9.194 085	49	0.805 915	9.994 756	1	114	
		49		50			1		
887	9.188 890		9.194 135		0.805 865	9.994 755		113	
888	9.188 938	48	9.194 185	50	0.805 815	9.994 754	1	112	
889	9.188 987	49	9.194 234	49	0.805 766	9.994 752	2	111	
		48		50			1		
.890	9.189 035		9.194 284		0.805 716	9.994 751		**.110**	
		49		50			1		
891	9.189 084		9.194 334		0.805 666	9.994 750		109	
892	9.189 132	48	9.194 383	49	0.805 617	9.994 749	1	108	
893	9.189 181	49	9.194 433	50	0.805 567	9.994 748	1	107	
		48		50			2		
894	9.189 229		9.194 483		0.805 517	9.994 746		106	
895	9.189 277	48	9.194 532	49	0.805 468	9.994 745	1	105	
896	9.189 326	49	9.194 582	50	0.805 418	9.994 744	1	104	
		48		49			1		
897	9.189 374		9.194 631		0.805 369	9.994 743		103	
898	9.189 423	49	9.194 681	50	0.805 319	9.994 742	1	102	
899	9.189 471	48	9.194 731	50	0.805 269	9.994 740	2	101	
		48		49			1		
.900	9.189 519		9.194 780		0.805 220	9.994 739		**.100**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

	49
1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

$81^\circ.150 - 81^\circ.100$

8°.900 — 8°.950

8°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.189 519		9.194 780		0.805 220	9.994 739		**.100**	
		49		50			1		
901	9.189 568		9.194 830		0.805 170	9.994 738		099	
		48		49			1		
902	9.189 616		9.194 879		0.805 121	9.994 737		098	
		49		50			1		
903	9.189 665		9.194 929		0.805 071	9.994 736		097	
		48		49			1		
904	9.189 713		9.194 978		0.805 022	9.994 735		096	
		48		50			2		
905	9.189 761		9.195 028		0.804 972	9.994 733		095	
		49		50			1		
906	9.189 810		9.195 078		0.804 922	9.994 732		094	
		48		49			1		
907	9.189 858		9.195 127		0.804 873	9.994 731		093	
		49		50			1		
908	9.189 907		9.195 177		0.804 823	9.994 730		092	
		48		49			1		
909	9.189 955		9.195 226		0.804 774	9.994 729		091	
		48		50			2		
.910	9.190 003		9.195 276		0.804 724	9.994 727		**.090**	
		49		49			1		
911	9.190 052		9.195 325		0.804 675	9.994 726		089	
		48		50			1		
912	9.190 100		9.195 375		0.804 625	9.994 725		088	
		48		49			1		
913	9.190 148		9.195 424		0.804 576	9.994 724		087	
		49		50			1		
914	9.190 197		9.195 474		0.804 526	9.994 723		086	
		48		49			2		
915	9.190 245		9.195 523		0.804 477	9.994 721		085	
		48		50			1		
916	9.190 293		9.195 573		0.804 427	9.994 720		084	
		49		49			1		
917	9.190 342		9.195 622		0.804 378	9.994 719		083	
		48		50			1		
918	9.190 390		9.195 672		0.804 328	9.994 718		082	
		48		49			1		
919	9.190 438		9.195 721		0.804 279	9.994 717		081	
		48		50			1		
.920	9.190 486		9.195 771		0.804 229	9.994 716		**.080**	
		49		49			2		
921	9.190 535		9.195 820		0.804 180	9.994 714		079	
		48		50			1		
922	9.190 583		9.195 870		0.804 130	9.994 713		078	
		48		49			1		
923	9.190 631		9.195 919		0.804 081	9.994 712		077	
		49		50			1		
924	9.190 680		9.195 969		0.804 031	9.994 711		076	
		48		49			1		
925	9.190 728		9.196 018		0.803 982	9.994 710		075	
		48		50			2		
926	9.190 776		9.196 068		0.803 932	9.994 708		074	
		48		49			1		
927	9.190 824		9.196 117		0.803 883	9.994 707		073	
		49		50			1		
928	9.190 873		9.196 167		0.803 833	9.994 706		072	
		48		49			1		
929	9.190 921		9.196 216		0.803 784	9.994 705		071	
		48		49			1		
.930	9.190 969		9.196 265		0.803 735	9.994 704		**.070**	
		48		50			2		
931	9.191 017		9.196 315		0.803 685	9.994 702		069	
		49		49			1		
932	9.191 066		9.196 364		0.803 636	9.994 701		068	
		48		50			1		
933	9.191 114		9.196 414		0.803 586	9.994 700		067	
		48		49			1		
934	9.191 162		9.196 463		0.803 537	9.994 699		066	
		48		50			1		
935	9.191 210		9.196 513		0.803 487	9.994 698		065	
		48		49			2		
936	9.191 258		9.196 562		0.803 438	9.994 696		064	
		49		49			1		
937	9.191 307		9.196 611		0.803 389	9.994 695		063	
		48		50			1		
938	9.191 355		9.196 661		0.803 339	9.994 694		062	
		48		49			1		
939	9.191 403		9.196 710		0.803 290	9.994 693		061	
		48		50			1		
.940	9.191 451		9.196 760		0.803 240	9.994 692		**.060**	
		48		49			1		
941	9.191 499		9.196 809		0.803 191	9.994 691		059	
		49		49			2		
942	9.191 548		9.196 858		0.803 142	9.994 689		058	
		48		50			1		
943	9.191 596		9.196 908		0.803 092	9.994 688		057	
		48		49			1		
944	9.191 644		9.196 957		0.803 043	9.994 687		056	
		48		49			1		
945	9.191 692		9.197 006		0.802 994	9.994 686		055	
		48		50			1		
946	9.191 740		9.197 056		0.802 944	9.994 685		054	
		48		49			2		
947	9.191 788		9.197 105		0.802 895	9.994 683		053	
		49		49			1		
948	9.191 837		9.197 154		0.802 846	9.994 682		052	
		48		50			1		
949	9.191 885		9.197 204		0.802 796	9.994 681		051	
		48		49			1		
.950	9.191 933		9.197 253		0.802 747	9.994 680		**.050**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

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1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

81°.100 — 81°.050

$8^\circ.950 - 9^\circ.000$

8°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.191 933		9.197 253		0.802 747	9.994 680		.050	
		48		49			1		
951	9.191 981		9.197 302		0.802 698	9.994 679		049	
952	9.192 029	48	9.197 352	50	0.802 648	9.994 677	2	048	
953	9.192 077	48	9.197 401	49	0.802 599	9.994 676	1	047	
		48		49			1		50
954	9.192 125		9.197 450		0.802 550	9.994 675		046	1 5.0
955	9.192 173	48	9.197 500	50	0.802 500	9.994 674	1	045	2 10.0
956	9.192 221	48	9.197 549	49	0.802 451	9.994 673	1	044	3 15.0
		49		49			2		4 20.0
957	9.192 270		9.197 598		0.802 402	9.994 671		043	5 25.0
958	9.192 318	48	9.197 647	49	0.802 353	9.994 670	1	042	6 30.0
959	9.192 366	48	9.197 697	50	0.802 303	9.994 669	1	041	7 35.0
		48		49			1		8 40.0
.960	9.192 414		9.197 746		0.802 254	9.994 668		.040	9 45.0
		48		49			1		
961	9.192 462		9.197 795		0.802 205	9.994 667		039	
962	9.192 510	48	9.197 844	49	0.802 156	9.994 665	2	038	
963	9.192 558	48	9.197 894	50	0.802 106	9.994 664	1	037	
		48		49			1		
964	9.192 606		9.197 943		0.802 057	9.994 663		036	
965	9.192 654	48	9.197 992	49	0.802 008	9.994 662	1	035	
966	9.192 702	48	9.198 041	49	0.801 959	9.994 661	1	034	49
		48		50			2		1 4.9
967	9.192 750		9.198 091		0.801 909	9.994 659		033	2 9.8
968	9.192 798	48	9.198 140	49	0.801 860	9.994 658	1	032	3 14.7
969	9.192 846	48	9.198 189	49	0.801 811	9.994 657	1	031	4 19.6
		48		49			1		5 24.5
.970	9.192 894		9.198 238		0.801 762	9.994 656		.030	6 29.4
		48		50			1		7 34.3
971	9.192 942		9.198 288		0.801 712	9.994 655		029	8 39.2
972	9.192 990	48	9.198 337	49	0.801 663	9.994 653	2	028	9 44.1
973	9.193 038	48	9.198 386	49	0.801 614	9.994 652	1	027	
		48		49			1		
974	9.193 086		9.198 435		0.801 565	9.994 651		026	
975	9.193 134	48	9.198 484	49	0.801 516	9.994 650	1	025	
976	9.193 182	48	9.198 534	50	0.801 466	9.994 649	1	024	
		48		49			1		48
977	9.193 230		9.198 583		0.801 417	9.994 648		023	1 4.8
978	9.193 278	48	9.198 632	49	0.801 368	9.994 646	2	022	2 9.6
979	9.193 326	48	9.198 681	49	0.801 319	9.994 645	1	021	3 14.4
		48		49			1		4 19.2
.980	9.193 374		9.198 730		0.801 270	9.994 644		.020	5 24.0
		48		49			1		6 28.8
981	9.193 422		9.198 779		0.801 221	9.994 643		019	7 33.6
982	9.193 470	48	9.198 829	50	0.801 171	9.994 642	1	018	8 38.4
983	9.193 518	48	9.198 878	49	0.801 122	9.994 640	2	017	9 43.2
		48		49			1		
984	9.193 566		9.198 927		0.801 073	9.994 639		016	
985	9.193 614	48	9.198 976	49	0.801 024	9.994 638	1	015	
986	9.193 662	48	9.199 025	49	0.800 975	9.994 637	1	014	
		48		49			1		47
987	9.193 710		9.199 074		0.800 926	9.994 636		013	1 4.7
988	9.193 758	48	9.199 123	49	0.800 877	9.994 634	2	012	2 9.4
989	9.193 806	48	9.199 173	50	0.800 827	9.994 633	1	011	3 14.1
		48		49			1		4 18.8
.990	9.193 854		9.199 222		0.800 778	9.994 632		.010	5 23.5
		48		49			1		6 28.2
991	9.193 902		9.199 271		0.800 729	9.994 631		009	7 32.9
992	9.193 949	47	9.199 320	49	0.800 680	9.994 630	1	008	8 37.6
993	9.193 997	48	9.199 369	49	0.800 631	9.994 628	2	007	9 42.3
		48		49			1		
994	9.194 045		9.199 418		0.800 582	9.994 627		006	
995	9.194 093	48	9.199 467	49	0.800 533	9.994 626	1	005	
996	9.194 141	48	9.199 516	49	0.800 484	9.994 625	1	004	
		48		49			1		
997	9.194 189		9.199 565		0.800 435	9.994 624		003	
998	9.194 237	48	9.199 614	49	0.800 386	9.994 622	2	002	
999	9.194 285	48	9.199 663	49	0.800 337	9.994 621	1	001	
		47		50			1		
*000	9.194 332		9.199 713		0.800 287	9.994 620		.000	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

$81^\circ.050 - 81^\circ.000$

9°.000 — 9°.050

9°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.194 332	48	9.199 713	49	0.800 287	9.994 620	1	***000**	
001	9.194 380	48	9.199 762	49	0.800 238	9.994 619	1	999	
002	9.194 428	48	9.199 811	49	0.800 189	9.994 618	2	998	
003	9.194 476	48	9.199 860	49	0.800 140	9.994 616	1	997	
004	9.194 524	48	9.199 909	49	0.800 091	9.994 615	1	996	
005	9.194 572	47	9.199 958	49	0.800 042	9.994 614	1	995	
006	9.194 619	48	9.200 007	49	0.799 993	9.994 613	1	994	
007	9.194 667	48	9.200 056	49	0.799 944	9.994 612	2	993	
008	9.194 715	48	9.200 105	49	0.799 895	9.994 610	1	992	
009	9.194 763	48	9.200 154	49	0.799 846	9.994 609	1	991	
.010	9.194 811	48	9.200 203	49	0.799 797	9.994 608	1	**.990**	
011	9.194 859	47	9.200 252	49	0.799 748	9.994 607	1	989	
012	9.194 906	48	9.200 301	49	0.799 699	9.994 606	2	988	
013	9.194 954	48	9.200 350	49	0.799 650	9.994 604	1	987	
014	9.195 002	48	9.200 399	49	0.799 601	9.994 603	1	986	
015	9.195 050	47	9.200 448	49	0.799 552	9.994 602	1	985	
016	9.195 097	48	9.200 497	49	0.799 503	9.994 601	2	984	
017	9.195 145	48	9.200 546	49	0.799 454	9.994 599	1	983	
018	9.195 193	48	9.200 595	49	0.799 405	9.994 598	1	982	
019	9.195 241	48	9.200 644	49	0.799 356	9.994 597	1	981	
.020	9.195 289	47	9.200 693	49	0.799 307	9.994 596	1	**.980**	
021	9.195 336	48	9.200 742	49	0.799 258	9.994 595	2	979	
022	9.195 384	48	9.200 791	48	0.799 209	9.994 593	1	978	
023	9.195 432	47	9.200 839	49	0.799 161	9.994 592	1	977	
024	9.195 479	48	9.200 888	49	0.799 112	9.994 591	1	976	
025	9.195 527	48	9.200 937	49	0.799 063	9.994 590	1	975	
026	9.195 575	48	9.200 986	49	0.799 014	9.994 589	2	974	
027	9.195 623	47	9.201 035	49	0.798 965	9.994 587	1	973	
028	9.195 670	48	9.201 084	49	0.798 916	9.994 586	1	972	
029	9.195 718	48	9.201 133	49	0.798 867	9.994 585	1	971	
.030	9.195 766	47	9.201 182	49	0.798 818	9.994 584	1	**.970**	
031	9.195 813	48	9.201 231	49	0.798 769	9.994 583	1	969	
032	9.195 861	48	9.201 280	49	0.798 720	9.994 581	2	968	
033	9.195 909	47	9.201 329	48	0.798 671	9.994 580	1	967	
034	9.195 956	48	9.201 377	49	0.798 623	9.994 579	1	966	
035	9.196 004	48	9.201 426	49	0.798 574	9.994 578	1	965	
036	9.196 052	47	9.201 475	49	0.798 525	9.994 577	2	964	
037	9.196 099	48	9.201 524	49	0.798 476	9.994 575	1	963	
038	9.196 147	48	9.201 573	49	0.798 427	9.994 574	1	962	
039	9.196 195	47	9.201 622	49	0.798 378	9.994 573	1	961	
.040	9.196 242	48	9.201 671	48	0.798 329	9.994 572	1	**.960**	
041	9.196 290	48	9.201 719	49	0.798 281	9.994 571	2	959	
042	9.196 338	47	9.201 768	49	0.798 232	9.994 569	1	958	
043	9.196 385	48	9.201 817	49	0.798 183	9.994 568	1	957	
044	9.196 433	48	9.201 866	49	0.798 134	9.994 567	1	956	
045	9.196 481	47	9.201 915	49	0.798 085	9.994 566	1	955	
046	9.196 528	48	9.201 964	49	0.798 036	9.994 565	2	954	
047	9.196 576	47	9.202 012	48	0.797 988	9.994 563	1	953	
048	9.196 623	48	9.202 061	49	0.797 939	9.994 562	1	952	
049	9.196 671	48	9.202 110	49	0.797 890	9.994 561	1	951	
.050	9.196 719		9.202 159		0.797 841	9.994 560		**.950**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	49
1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

81°.000 — 80°.950

9°.050 — 9°.100

9°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.196 719		9.202 159		0.797 841	9.994 560		**.950**	
		47		49			1		
051	9.196 766		9.202 208		0.797 792	9.994 559		949	
052	9.196 814	48	9.202 256	48	0.797 744	9.994 557	2	948	
053	9.196 861	47	9.202 305	49	0.797 695	9.994 556	1	947	
		48		49			1		
054	9.196 909		9.202 354		0.797 646	9.994 555		946	
055	9.196 956	47	9.202 403	49	0.797 597	9.994 554	1	945	
056	9.197 004	48	9.202 452	49	0.797 548	9.994 552	2	944	
		48		48			1		
057	9.197 052		9.202 500		0.797 500	9.994 551		943	
058	9.197 099	47	9.202 549	49	0.797 451	9.994 550	1	942	
059	9.197 147	48	9.202 598	49	0.797 402	9.994 549	1	941	
		47		49			1		
.060	9.197 194		9.202 647		0.797 353	9.994 548		**.940**	
		48		48			2		
061	9.197 242		9.202 695		0.797 305	9.994 546		939	
062	9.197 289	47	9.202 744	49	0.797 256	9.994 545	1	938	
063	9.197 337	48	9.202 793	49	0.797 207	9.994 544	1	937	
		47		48			1		
064	9.197 384		9.202 841		0.797 159	9.994 543		936	
065	9.197 432	48	9.202 890	49	0.797 110	9.994 542	1	935	
066	9.197 479	47	9.202 939	49	0.797 061	9.994 540	2	934	
		48		49			1		
067	9.197 527		9.202 988		0.797 012	9.994 539		933	
068	9.197 574	47	9.203 036	48	0.796 964	9.994 538	1	932	
069	9.197 622	48	9.203 085	49	0.796 915	9.994 537	1	931	
		47		49			1		
.070	9.197 669		9.203 134		0.796 866	9.994 536		**.930**	
		48		48			2		
071	9.197 717		9.203 182		0.796 818	9.994 534		929	
072	9.197 764	47	9.203 231	49	0.796 769	9.994 533	1	928	
073	9.197 812	48	9.203 280	49	0.796 720	9.994 532	1	927	
		47		48			1		
074	9.197 859		9.203 328		0.796 672	9.994 531		926	
075	9.197 907	48	9.203 377	49	0.796 623	9.994 530	1	925	
076	9.197 954	47	9.203 426	49	0.796 574	9.994 528	2	924	
		48		48			1		
077	9.198 002		9.203 474		0.796 526	9.994 527		923	
078	9.198 049	47	9.203 523	49	0.796 477	9.994 526	1	922	
079	9.198 096	47	9.203 572	49	0.796 428	9.994 525	1	921	
		48		48			2		
.080	9.198 144		9.203 620		0.796 380	9.994 523		**.920**	
		47		49			1		
081	9.198 191		9.203 669		0.796 331	9.994 522		919	
082	9.198 239	48	9.203 718	49	0.796 282	9.994 521	1	918	
083	9.198 286	47	9.203 766	48	0.796 234	9.994 520	1	917	
		48		49			1		
084	9.198 334		9.203 815		0.796 185	9.994 519		916	
085	9.198 381	47	9.203 864	49	0.796 136	9.994 517	2	915	
086	9.198 428	47	9.203 912	48	0.796 088	9.994 516	1	914	
		48		49			1		
087	9.198 476		9.203 961		0.796 039	9.994 515		913	
088	9.198 523	47	9.204 009	48	0.795 991	9.994 514	1	912	
089	9.198 570	47	9.204 058	49	0.795 942	9.994 513	1	911	
		48		49			2		
.090	9.198 618		9.204 107		0.795 893	9.994 511		**.910**	
		47		48			1		
091	9.198 665		9.204 155		0.795 845	9.994 510		909	
092	9.198 713	48	9.204 204	49	0.795 796	9.994 509	1	908	
093	9.198 760	47	9.204 252	48	0.795 748	9.994 508	1	907	
		47		49			2		
094	9.198 807		9.204 301		0.795 699	9.994 506		906	
095	9.198 855	48	9.204 349	48	0.795 651	9.994 505	1	905	
096	9.198 902	47	9.204 398	49	0.795 602	9.994 504	1	904	
		47		49			1		
097	9.198 949		9.204 447		0.795 553	9.994 503		903	
098	9.198 997	48	9.204 495	48	0.795 505	9.994 502	1	902	
099	9.199 044	47	9.204 544	49	0.795 456	9.994 500	2	901	
		47		48			1		
.100	9.199 091		9.204 592		0.795 408	9.994 499		**.900**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	49
1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

80°.950 — 80°.900

9°.100 — 9°.150

9°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.199 091		9.204 592		0.795 408	9.994 499		.900	
		48		49			1		
101	9.199 139		9.204 641		0.795 359	9.994 498		899	
102	9.199 186	47	9.204 689	48	0.795 311	9.994 497	1	898	
103	9.199 233	47	9.204 738	49	0.795 262	9.994 496	1	897	
		48		48			2		
104	9.199 281		9.204 786		0.795 214	9.994 494		896	
105	9.199 328	47	9.204 835	49	0.795 165	9.994 493	1	895	
106	9.199 375	47	9.204 883	48	0.795 117	9.994 492	1	894	
		47		49			1		
107	9.199 422		9.204 932		0.795 068	9.994 491		893	
108	9.199 470	48	9.204 980	48	0.795 020	9.994 489	2	892	
109	9.199 517	47	9.205 029	49	0.794 971	9.994 488	1	891	
		47		48			1		
.110	9.199 564		9.205 077		0.794 923	9.994 487		.890	
		48		49			1		
111	9.199 612		9.205 126		0.794 874	9.994 486		889	
112	9.199 659	47	9.205 174	48	0.794 826	9.994 485	1	888	
113	9.199 706	47	9.205 223	49	0.794 777	9.994 483	2	887	
		47		48			1		
114	9.199 753		9.205 271		0.794 729	9.994 482		886	
115	9.199 801	48	9.205 320	49	0.794 680	9.994 481	1	885	
116	9.199 848	47	9.205 368	48	0.794 632	9.994 480	1	884	
		47		49			1		
117	9.199 895		9.205 417		0.794 583	9.994 479		883	
118	9.199 942	47	9.205 465	48	0.794 535	9.994 477	2	882	
119	9.199 990	48	9.205 513	48	0.794 487	9.994 476	1	881	
		47		49			1		
.120	9.200 037		9.205 562		0.794 438	9.994 475		.880	
		47		48			1		
121	9.200 084		9.205 610		0.794 390	9.994 474		879	
122	9.200 131	47	9.205 659	49	0.794 341	9.994 472	2	878	
123	9.200 178	47	9.205 707	48	0.794 293	9.994 471	1	877	
		48		49			1		
124	9.200 226		9.205 756		0.794 244	9.994 470		876	
125	9.200 273	47	9.205 804	48	0.794 196	9.994 469	1	875	
126	9.200 320	47	9.205 852	48	0.794 148	9.994 468	1	874	
		47		49			2		
127	9.200 367		9.205 901		0.794 099	9.994 466		873	
128	9.200 414	47	9.205 949	48	0.794 051	9.994 465	1	872	
129	9.200 461	47	9.205 998	49	0.794 002	9.994 464	1	871	
		48		48			1		
.130	9.200 509		9.206 046		0.793 954	9.994 463		.870	
		47		48			2		
131	9.200 556		9.206 094		0.793 906	9.994 461		869	
132	9.200 603	47	9.206 143	49	0.793 857	9.994 460	1	868	
133	9.200 650	47	9.206 191	48	0.793 809	9.994 459	1	867	
		47		48			1		
134	9.200 697		9.206 239		0.793 761	9.994 458		866	
135	9.200 744	47	9.206 288	49	0.793 712	9.994 457	1	865	
136	9.200 792	48	9.206 336	48	0.793 664	9.994 455	2	864	
		47		48			1		
137	9.200 839		9.206 384		0.793 616	9.994 454		863	
138	9.200 886	47	9.206 433	49	0.793 567	9.994 453	1	862	
139	9.200 933	47	9.206 481	48	0.793 519	9.994 452	1	861	
		47		49			1		
.140	9.200 980		9.206 530		0.793 470	9.994 451		.860	
		47		48			2		
141	9.201 027		9.206 578		0.793 422	9.994 449		859	
142	9.201 074	47	9.206 626	48	0.793 374	9.994 448	1	858	
143	9.201 121	47	9.206 674	48	0.793 326	9.994 447	1	857	
		47		49			1		
144	9.201 168		9.206 723		0.793 277	9.994 446		856	
145	9.201 216	48	9.206 771	48	0.793 229	9.994 444	2	855	
146	9.201 263	47	9.206 819	48	0.793 181	9.994 443	1	854	
		47		49			1		
147	9.201 310		9.206 868		0.793 132	9.994 442		853	
148	9.201 357	47	9.206 916	48	0.793 084	9.994 441	1	852	
149	9.201 404	47	9.206 964	48	0.793 036	9.994 440	1	851	
		47		49			2		
.150	9.201 451		9.207 013		0.792 987	9.994 438		.850	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

	49
1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

80°.900 — 80°.850

9°.150 — 9°.200

9°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.201 451		9.207 013		0.792 987	9.994 438		**.850**	
		47		48			1		
151	9.201 498		9.207 061		0.792 939	9.994 437		849	
152	9.201 545	47	9.207 109	48	0.792 891	9.994 436	1	848	
153	9.201 592	47	9.207 157	48	0.792 843	9.994 435	1	847	
		47		49			2		49
154	9.201 639		9.207 206		0.792 794	9.994 433		846	1 4.9
155	9.201 686	47	9.207 254	48	0.792 746	9.994 432	1	845	2 9.8
156	9.201 733	47	9.207 302	48	0.792 698	9.994 431	1	844	3 14.7
		47		48			1		4 19.6
157	9.201 780		9.207 350		0.792 650	9.994 430		843	5 24.5
158	9.201 827	47	9.207 399	49	0.792 601	9.994 429	1	842	6 29.4
159	9.201 874	47	9.207 447	48	0.792 553	9.994 427	2	841	7 34.3
		47		48			1		8 39.2
.160	9.201 921		9.207 495		0.792 505	9.994 426		**.840**	9 44.1
		47		48			1		
161	9.201 968		9.207 543		0.792 457	9.994 425		839	
162	9.202 015	47	9.207 592	49	0.792 408	9.994 424	1	838	
163	9.202 062	47	9.207 640	48	0.792 360	9.994 422	2	837	
		47		48			1		
164	9.202 109		9.207 688		0.792 312	9.994 421		836	
165	9.202 156	47	9.207 736	48	0.792 264	9.994 420	1	835	48
166	9.202 203	47	9.207 784	48	0.792 216	9.994 419	1	834	
		47		49			1		1 4.8
167	9.202 250		9.207 833		0.792 167	9.994 418		833	2 9.6
168	9.202 297	47	9.207 881	48	0.792 119	9.994 416	2	832	3 14.4
169	9.202 344	47	9.207 929	48	0.792 071	9.994 415	1	831	4 19.2
		47		48			1		5 24.0
.170	9.202 391		9.207 977		0.792 023	9.994 414		**.830**	6 28.8
		47		48			1		7 33.6
171	9.202 438		9.208 025		0.791 975	9.994 413		829	8 38.4
172	9.202 485	47	9.208 074	49	0.791 926	9.994 411	2	828	9 43.2
173	9.202 532	47	9.208 122	48	0.791 878	9.994 410	1	827	
		47		48			1		
174	9.202 579		9.208 170		0.791 830	9.994 409		826	
175	9.202 626	47	9.208 218	48	0.791 782	9.994 408	1	825	
176	9.202 673	47	9.208 266	48	0.791 734	9.994 407	1	824	
		47		48			2		
177	9.202 720		9.208 314		0.791 686	9.994 405		823	47
178	9.202 767	47	9.208 362	48	0.791 638	9.994 404	1	822	
179	9.202 813	46	9.208 411	49	0.791 589	9.994 403	1	821	1 4.7
		47		48			1		2 9.4
.180	9.202 860		9.208 459		0.791 541	9.994 402		**.820**	3 14.1
		47		48			2		4 18.8
181	9.202 907		9.208 507		0.791 493	9.994 400		819	5 23.5
182	9.202 954	47	9.208 555	48	0.791 445	9.994 399	1	818	6 28.2
183	9.203 001	47	9.208 603	48	0.791 397	9.994 398	1	817	7 32.9
		47		48			1		8 37.6
184	9.203 048		9.208 651		0.791 349	9.994 397		816	9 42.3
185	9.203 095	47	9.208 699	48	0.791 301	9.994 396	1	815	
186	9.203 142	47	9.208 747	48	0.791 253	9.994 394	2	814	
		47		48			1		
187	9.203 189		9.208 795		0.791 205	9.994 393		813	
188	9.203 235	46	9.208 844	49	0.791 156	9.994 392	1	812	
189	9.203 282	47	9.208 892	48	0.791 108	9.994 391	1	811	46
		47		48			2		
.190	9.203 329		9.208 940		0.791 060	9.994 389		**.810**	1 4.6
		47		48			1		2 9.2
191	9.203 376		9.208 988		0.791 012	9.994 388		809	3 13.8
192	9.203 423	47	9.209 036	48	0.790 964	9.994 387	1	808	4 18.4
193	9.203 470	47	9.209 084	48	0.790 916	9.994 386	1	807	5 23.0
		46		48			2		6 27.6
194	9.203 516		9.209 132		0.790 868	9.994 384		806	7 32.2
195	9.203 563	47	9.209 180	48	0.790 820	9.994 383	1	805	8 36.8
196	9.203 610	47	9.209 228	48	0.790 772	9.994 382	1	804	9 41.4
		47		48			1		
197	9.203 657		9.209 276		0.790 724	9.994 381		803	
198	9.203 704	47	9.209 324	48	0.790 676	9.994 380	1	802	
199	9.203 751	47	9.209 372	48	0.790 628	9.994 378	2	801	
		46		48			1		
.200	9.203 797		9.209 420		0.790 580	9.994 377		**.800**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

80°.850 — 80°.800

9°.200 — 9°.250

9°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.203 797		9.209 420		0.790 580	9.994 377		.800	
		47		48			1		
201	9.203 844		9.209 468		0.790 532	9.994 376		799	
		47		48			1		
202	9.203 891		9.209 516		0.790 484	9.994 375		798	
		47		48			2		
203	9.203 938		9.209 564		0.790 436	9.994 373		797	
		47		48			1		
204	9.203 985		9.209 612		0.790 388	9.994 372		796	
		46		48			1		
205	9.204 031		9.209 660		0.790 340	9.994 371		795	
		47		48			1		
206	9.204 078		9.209 708		0.790 292	9.994 370		794	
		47		48			1		
207	9.204 125		9.209 756		0.790 244	9.994 369		793	
		47		48			2		
208	9.204 172		9.209 804		0.790 196	9.994 367		792	
		46		48			1		
209	9.204 218		9.209 852		0.790 148	9.994 366		791	
		47		48			1		
.210	9.204 265		9.209 900		0.790 100	9.994 365		.790	
		47		48			1		
211	9.204 312		9.209 948		0.790 052	9.994 364		789	
		47		48			2		
212	9.204 359		9.209 996		0.790 004	9.994 362		788	
		46		48			1		
213	9.204 405		9.210 044		0.789 956	9.994 361		787	
		47		48			1		
214	9.204 452		9.210 092		0.789 908	9.994 360		786	
		47		48			1		
215	9.204 499		9.210 140		0.789 860	9.994 359		785	
		46		48			2		
216	9.204 545		9.210 188		0.789 812	9.994 357		784	
		47		48			1		
217	9.204 592		9.210 236		0.789 764	9.994 356		783	
		47		48			1		
218	9.204 639		9.210 284		0.789 716	9.994 355		782	
		47		48			1		
219	9.204 686		9.210 332		0.789 668	9.994 354		781	
		46		48			1		
.220	9.204 732		9.210 380		0.789 620	9.994 353		.780	
		47		48			2		
221	9.204 779		9.210 428		0.789 572	9.994 351		779	
		47		48			1		
222	9.204 826		9.210 476		0.789 524	9.994 350		778	
		46		48			1		
223	9.204 872		9.210 524		0.789 476	9.994 349		777	
		47		47			1		
224	9.204 919		9.210 571		0.789 429	9.994 348		776	
		47		48			2		
225	9.204 966		9.210 619		0.789 381	9.994 346		775	
		46		48			1		
226	9.205 012		9.210 667		0.789 333	9.994 345		774	
		47		48			1		
227	9.205 059		9.210 715		0.789 285	9.994 344		773	
		47		48			1		
228	9.205 106		9.210 763		0.789 237	9.994 343		772	
		46		48			2		
229	9.205 152		9.210 811		0.789 189	9.994 341		771	
		47		48			1		
.230	9.205 199		9.210 859		0.789 141	9.994 340		.770	
		47		48			1		
231	9.205 246		9.210 907		0.789 093	9.994 339		769	
		46		48			1		
232	9.205 292		9.210 955		0.789 045	9.994 338		768	
		47		47			1		
233	9.205 339		9.211 002		0.788 998	9.994 337		767	
		47		48			2		
234	9.205 386		9.211 050		0.788 950	9.994 335		766	
		46		48			1		
235	9.205 432		9.211 098		0.788 902	9.994 334		765	
		47		48			1		
236	9.205 479		9.211 146		0.788 854	9.994 333		764	
		46		48			1		
237	9.205 525		9.211 194		0.788 806	9.994 332		763	
		47		48			2		
238	9.205 572		9.211 242		0.788 758	9.994 330		762	
		47		47			1		
239	9.205 619		9.211 289		0.788 711	9.994 329		761	
		46		48			1		
.240	9.205 665		9.211 337		0.788 663	9.994 328		.760	
		47		48			1		
241	9.205 712		9.211 385		0.788 615	9.994 327		759	
		46		48			2		
242	9.205 758		9.211 433		0.788 567	9.994 325		758	
		47		48			1		
243	9.205 805		9.211 481		0.788 519	9.994 324		757	
		47		48			1		
244	9.205 852		9.211 529		0.788 471	9.994 323		756	
		46		47			1		
245	9.205 898		9.211 576		0.788 424	9.994 322		755	
		47		48			2		
246	9.205 945		9.211 624		0.788 376	9.994 320		754	
		46		48			1		
247	9.205 991		9.211 672		0.788 328	9.994 319		753	
		47		48			1		
248	9.206 038		9.211 720		0.788 280	9.994 318		752	
		46		48			1		
249	9.206 084		9.211 768		0.788 232	9.994 317		751	
		47		47			1		
.250	9.206 131		9.211 815		0.788 185	9.994 316		.750	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

80°.800 — 80°.750

9°.250 — 9°.300

9°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.206 131		9.211 815		0.788 185	9.994 316		**.750**	
		46		48			2		
251	9.206 177		9.211 863		0.788 137	9.994 314		749	
252	9.206 224	47	9.211 911	48	0.788 089	9.994 313	1	748	
253	9.206 270	46	9.211 959	48	0.788 041	9.994 312	1	747	
		47		47			1		
254	9.206 317		9.212 006		0.787 994	9.994 311		746	
255	9.206 364	47	9.212 054	48	0.787 946	9.994 309	2	745	
256	9.206 410	46	9.212 102	48	0.787 898	9.994 308	1	744	
		47		48			1		
257	9.206 457		9.212 150		0.787 850	9.994 307		743	
258	9.206 503	46	9.212 197	47	0.787 803	9.994 306	1	742	
259	9.206 550	47	9.212 245	48	0.787 755	9.994 304	2	741	
		46		48			1		
.260	9.206 596		9.212 293		0.787 707	9.994 303		**.740**	
		47		48			1		
261	9.206 643		9.212 341		0.787 659	9.994 302		739	
262	9.206 689	46	9.212 388	47	0.787 612	9.994 301	1	738	
263	9.206 736	47	9.212 436	48	0.787 564	9.994 299	2	737	
		46		48			1		
264	9.206 782		9.212 484		0.787 516	9.994 298		736	
265	9.206 828	46	9.212 531	47	0.787 469	9.994 297	1	735	
266	9.206 875	47	9.212 579	48	0.787 421	9.994 296	1	734	
		46		48			1		
267	9.206 921		9.212 627		0.787 373	9.994 295		733	
268	9.206 968	47	9.212 675	48	0.787 325	9.994 293	2	732	
269	9.207 014	46	9.212 722	47	0.787 278	9.994 292	1	731	
		47		48			1		
.270	9.207 061		9.212 770		0.787 230	9.994 291		**.730**	
		46		48			1		
271	9.207 107		9.212 818		0.787 182	9.994 290		729	
272	9.207 154	47	9.212 865	47	0.787 135	9.994 288	2	728	
273	9.207 200	46	9.212 913	48	0.787 087	9.994 287	1	727	
		46		48			1		
274	9.207 246		9.212 961		0.787 039	9.994 286		726	
275	9.207 293	47	9.213 008	47	0.786 992	9.994 285	1	725	
276	9.207 339	46	9.213 056	48	0.786 944	9.994 283	2	724	
		47		47			1		
277	9.207 386		9.213 103		0.786 897	9.994 282		723	
278	9.207 432	46	9.213 151	48	0.786 849	9.994 281	1	722	
279	9.207 478	46	9.213 199	48	0.786 801	9.994 280	1	721	
		47		47			2		
.280	9.207 525		9.213 246		0.786 754	9.994 278		**.720**	
		46		48			1		
281	9.207 571		9.213 294		0.786 706	9.994 277		719	
282	9.207 618	47	9.213 342	48	0.786 658	9.994 276	1	718	
283	9.207 664	46	9.213 389	47	0.786 611	9.994 275	1	717	
		46		48			1		
284	9.207 710		9.213 437		0.786 563	9.994 274		716	
285	9.207 757	47	9.213 484	47	0.786 516	9.994 272	2	715	
286	9.207 803	46	9.213 532	48	0.786 468	9.994 271	1	714	
		46		48			1		
287	9.207 849		9.213 580		0.786 420	9.994 270		713	
288	9.207 896	47	9.213 627	47	0.786 373	9.994 269	1	712	
289	9.207 942	46	9.213 675	48	0.786 325	9.994 267	2	711	
		46		47			1		
.290	9.207 988		9.213 722		0.786 278	9.994 266		**.710**	
		47		48			1		
291	9.208 035		9.213 770		0.786 230	9.994 265		709	
292	9.208 081	46	9.213 818	48	0.786 182	9.994 264	1	708	
293	9.208 127	46	9.213 865	47	0.786 135	9.994 262	2	707	
		47		48			1		
294	9.208 174		9.213 913		0.786 087	9.994 261		706	
295	9.208 220	46	9.213 960	47	0.786 040	9.994 260	1	705	
296	9.208 266	46	9.214 008	48	0.785 992	9.994 259	1	704	
		47		47			2		
297	9.208 313		9.214 055		0.785 945	9.994 257		703	
298	9.208 359	46	9.214 103	48	0.785 897	9.994 256	1	702	
299	9.208 405	46	9.214 150	47	0.785 850	9.994 255	1	701	
		47		48			1		
.300	9.208 452		9.214 198		0.785 802	9.994 254		**.700**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

80°.750 — 80°.700

9°.300 — 9°.350

9°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.208 452		9.214 198		0.785 802	9.994 254		**.700**	
		46		47			2		
301	9.208 498		9.214 245		0.785 755	9.994 252		699	
302	9.208 544	46	9.214 293	48	0.785 707	9.994 251	1	698	
303	9.208 590	46	9.214 341	48	0.785 659	9.994 250	1	697	
		47		47			1		
304	9.208 637		9.214 388		0.785 612	9.994 249		696	
305	9.208 683	46	9.214 436	48	0.785 564	9.994 247	2	695	
306	9.208 729	46	9.214 483	47	0.785 517	9.994 246	1	694	
		47		48			1		
307	9.208 776		9.214 531		0.785 469	9.994 245		693	
308	9.208 822	46	9.214 578	47	0.785 422	9.994 244	1	692	
309	9.208 868	46	9.214 626	48	0.785 374	9.994 242	2	691	
		46		47			1		
.310	9.208 914		9.214 673		0.785 327	9.994 241		**.690**	
		46		47			1		
311	9.208 960		9.214 720		0.785 280	9.994 240		689	
312	9.209 007	47	9.214 768	48	0.785 232	9.994 239	1	688	
313	9.209 053	46	9.214 815	47	0.785 185	9.994 238	1	687	
		46		48			2		
314	9.209 099		9.214 863		0.785 137	9.994 236		686	
315	9.209 145	46	9.214 910	47	0.785 090	9.994 235	1	685	
316	9.209 192	47	9.214 958	48	0.785 042	9.994 234	1	684	
		46		47			1		
317	9.209 238		9.215 005		0.784 995	9.994 233		683	
318	9.209 284	46	9.215 053	48	0.784 947	9.994 231	2	682	
319	9.209 330	46	9.215 100	47	0.784 900	9.994 230	1	681	
		46		48			1		
.320	9.209 376		9.215 148		0.784 852	9.994 229		**.680**	
		47		47			1		
321	9.209 423		9.215 195		0.784 805	9.994 228		679	
322	9.209 469	46	9.215 242	47	0.784 758	9.994 226	2	678	
323	9.209 515	46	9.215 290	48	0.784 710	9.994 225	1	677	
		46		47			1		
324	9.209 561		9.215 337		0.784 663	9.994 224		676	
325	9.209 607	46	9.215 385	48	0.784 615	9.994 223	1	675	
326	9.209 653	46	9.215 432	47	0.784 568	9.994 221	2	674	
		47		47			1		
327	9.209 700		9.215 479		0.784 521	9.994 220		673	
328	9.209 746	46	9.215 527	48	0.784 473	9.994 219	1	672	
329	9.209 792	46	9.215 574	47	0.784 426	9.994 218	1	671	
		46		48			2		
.330	9.209 838		9.215 622		0.784 378	9.994 216		**.670**	
		46		47			1		
331	9.209 884		9.215 669		0.784 331	9.994 215		669	
332	9.209 930	46	9.215 716	47	0.784 284	9.994 214	1	668	
333	9.209 976	46	9.215 764	48	0.784 236	9.994 213	1	667	
		46		47			2		
334	9.210 022		9.215 811		0.784 189	9.994 211		666	
335	9.210 069	47	9.215 858	47	0.784 142	9.994 210	1	665	
336	9.210 115	46	9.215 906	48	0.784 094	9.994 209	1	664	
		46		47			1		
337	9.210 161		9.215 953		0.784 047	9.994 208		663	
338	9.210 207	46	9.216 001	48	0.783 999	9.994 206	2	662	
339	9.210 253	46	9.216 048	47	0.783 952	9.994 205	1	661	
		46		47			1		
.340	9.210 299		9.216 095		0.783 905	9.994 204		**.660**	
		46		48			1		
341	9.210 345		9.216 143		0.783 857	9.994 203		659	
342	9.210 391	46	9.216 190	47	0.783 810	9.994 201	2	658	
343	9.210 437	46	9.216 237	47	0.783 763	9.994 200	1	657	
		46		47			1		
344	9.210 483		9.216 284		0.783 716	9.994 199		656	
345	9.210 529	46	9.216 332	48	0.783 668	9.994 198	1	655	
346	9.210 576	47	9.216 379	47	0.783 621	9.994 196	2	654	
		46		47			1		
347	9.210 622		9.216 426		0.783 574	9.994 195		653	
348	9.210 668	46	9.216 474	48	0.783 526	9.994 194	1	652	
349	9.210 714	46	9.216 521	47	0.783 479	9.994 193	1	651	
		46		47			2		
.350	9.210 760		9.216 568		0.783 432	9.994 191		**.650**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

80°.700 — 80°.650

9°.350 — 9°.400

9°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.210 760		9.216 568		0.783 432	9.994 191		.650	
		46		48			1		
351	9.210 806		9.216 616		0.783 384	9.994 190		649	
		46		47			1		
352	9.210 852		9.216 663		0.783 337	9.994 189		648	
		46		47			1		
353	9.210 898		9.216 710		0.783 290	9.994 188		647	
		46		47			2		
354	9.210 944		9.216 757		0.783 243	9.994 186		646	
		46		48			1		
355	9.210 990		9.216 805		0.783 195	9.994 185		645	
		46		47			1		
356	9.211 036		9.216 852		0.783 148	9.994 184		644	
		46		47			1		
357	9.211 082		9.216 899		0.783 101	9.994 183		643	
		46		47			2		
358	9.211 128		9.216 946		0.783 054	9.994 181		642	
		46		48			1		
359	9.211 174		9.216 994		0.783 006	9.994 180		641	
		46		47			1		
.360	9.211 220		9.217 041		0.782 959	9.994 179		.640	
		46		47			1		
361	9.211 266		9.217 088		0.782 912	9.994 178		639	
		46		47			2		
362	9.211 312		9.217 135		0.782 865	9.994 176		638	
		46		48			1		
363	9.211 358		9.217 183		0.782 817	9.994 175		637	
		46		47			1		
364	9.211 404		9.217 230		0.782 770	9.994 174		636	
		46		47			1		
365	9.211 450		9.217 277		0.782 723	9.994 173		635	
		46		47			2		
366	9.211 496		9.217 324		0.782 676	9.994 171		634	
		46		47			1		
367	9.211 542		9.217 371		0.782 629	9.994 170		633	
		46		48			1		
368	9.211 588		9.217 419		0.782 581	9.994 169		632	
		45		47			1		
369	9.211 633		9.217 466		0.782 534	9.994 168		631	
		46		47			2		
.370	9.211 679		9.217 513		0.782 487	9.994 166		.630	
		46		47			1		
371	9.211 725		9.217 560		0.782 440	9.994 165		629	
		46		47			1		
372	9.211 771		9.217 607		0.782 393	9.994 164		628	
		46		47			1		
373	9.211 817		9.217 654		0.782 346	9.994 163		627	
		46		48			2		
374	9.211 863		9.217 702		0.782 298	9.994 161		626	
		46		47			1		
375	9.211 909		9.217 749		0.782 251	9.994 160		625	
		46		47			1		
376	9.211 955		9.217 796		0.782 204	9.994 159		624	
		46		47			1		
377	9.212 001		9.217 843		0.782 157	9.994 158		623	
		46		47			2		
378	9.212 047		9.217 890		0.782 110	9.994 156		622	
		46		47			1		
379	9.212 093		9.217 937		0.782 063	9.994 155		621	
		46		48			1		
.380	9.212 139		9.217 985		0.782 015	9.994 154		.620	
		45		47			1		
381	9.212 184		9.218 032		0.781 968	9.994 153		619	
		46		47			2		
382	9.212 230		9.218 079		0.781 921	9.994 151		618	
		46		47			1		
383	9.212 276		9.218 126		0.781 874	9.994 150		617	
		46		47			1		
384	9.212 322		9.218 173		0.781 827	9.994 149		616	
		46		47			1		
385	9.212 368		9.218 220		0.781 780	9.994 148		615	
		46		47			2		
386	9.212 414		9.218 267		0.781 733	9.994 146		614	
		46		47			1		
387	9.212 460		9.218 314		0.781 686	9.994 145		613	
		45		48			1		
388	9.212 505		9.218 362		0.781 638	9.994 144		612	
		46		47			1		
389	9.212 551		9.218 409		0.781 591	9.994 143		611	
		46		47			2		
.390	9.212 597		9.218 456		0.781 544	9.994 141		.610	
		46		47			1		
391	9.212 643		9.218 503		0.781 497	9.994 140		609	
		46		47			1		
392	9.212 689		9.218 550		0.781 450	9.994 139		608	
		46		47			1		
393	9.212 735		9.218 597		0.781 403	9.994 138		607	
		45		47			2		
394	9.212 780		9.218 644		0.781 356	9.994 136		606	
		46		47			1		
395	9.212 826		9.218 691		0.781 309	9.994 135		605	
		46		47			1		
396	9.212 872		9.218 738		0.781 262	9.994 134		604	
		46		47			1		
397	9.212 918		9.218 785		0.781 215	9.994 133		603	
		46		47			2		
398	9.212 964		9.218 832		0.781 168	9.994 131		602	
		45		47			1		
399	9.213 009		9.218 879		0.781 121	9.994 130		601	
		46		47			1		
.400	9.213 055		9.218 926		0.781 074	9.994 129		.600	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

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1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

80°.650 — 80°.600

9°.400 — 9°.450

9°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.213 055		9.218 926		0.781 074	9.994 129		.600	
		46		47			1		
401	9.213 101		9.218 973		0.781 027	9.994 128		599	
402	9.213 147	46	9.219 020	47	0.780 980	9.994 126	2	598	
403	9.213 193	46	9.219 067	47	0.780 933	9.994 125	1	597	
		45		47			1		48
404	9.213 238		9.219 114		0.780 886	9.994 124		596	1 4.8
405	9.213 284	46	9.219 162	48	0.780 838	9.994 123	1	595	2 9.6
406	9.213 330	46	9.219 209	47	0.780 791	9.994 121	2	594	3 14.4
		46		47			1		4 19.2
407	9.213 376		9.219 256		0.780 744	9.994 120		593	5 24.0
408	9.213 421	45	9.219 303	47	0.780 697	9.994 119	1	592	6 28.8
409	9.213 467	46	9.219 350	47	0.780 650	9.994 118	1	591	7 33.6
		46		47			2		8 38.4
.410	9.213 513		9.219 397		0.780 603	9.994 116		.590	9 43.2
		46		47			1		
411	9.213 559		9.219 444		0.780 556	9.994 115		589	
412	9.213 604	45	9.219 491	47	0.780 509	9.994 114	1	588	
413	9.213 650	46	9.219 537	46	0.780 463	9.994 113	1	587	
		46		47			2		
414	9.213 696		9.219 584		0.780 416	9.994 111		586	
415	9.213 741	45	9.219 631	47	0.780 369	9.994 110	1	585	
416	9.213 787	46	9.219 678	47	0.780 322	9.994 109	1	584	47
		46		47			1		1 4.7
417	9.213 833		9.219 725		0.780 275	9.994 108		583	2 9.4
418	9.213 879	46	9.219 772	47	0.780 228	9.994 106	2	582	3 14.1
419	9.213 924	45	9.219 819	47	0.780 181	9.994 105	1	581	4 18.8
		46		47			1		5 23.5
.420	9.213 970		9.219 866		0.780 134	9.994 104		.580	6 28.2
		46		47			2		7 32.9
421	9.214 016		9.219 913		0.780 087	9.994 102		579	8 37.6
422	9.214 061	45	9.219 960	47	0.780 040	9.994 101	1	578	9 42.3
423	9.214 107	46	9.220 007	47	0.779 993	9.994 100	1	577	
		46		47			1		
424	9.214 153		9.220 054		0.779 946	9.994 099		576	
425	9.214 198	45	9.220 101	47	0.779 899	9.994 097	2	575	
426	9.214 244	46	9.220 148	47	0.779 852	9.994 096	1	574	
		46		47			1		46
427	9.214 290		9.220 195		0.779 805	9.994 095		573	1 4.6
428	9.214 335	45	9.220 242	47	0.779 758	9.994 094	1	572	2 9.2
429	9.214 381	46	9.220 289	47	0.779 711	9.994 092	2	571	3 13.8
		46		46			1		4 18.4
.430	9.214 427		9.220 335		0.779 665	9.994 091		.570	5 23.0
		45		47			1		6 27.6
431	9.214 472		9.220 382		0.779 618	9.994 090		569	7 32.2
432	9.214 518	46	9.220 429	47	0.779 571	9.994 089	1	568	8 36.8
433	9.214 563	45	9.220 476	47	0.779 524	9.994 087	2	567	9 41.4
		46		47			1		
434	9.214 609		9.220 523		0.779 477	9.994 086		566	
435	9.214 655	46	9.220 570	47	0.779 430	9.994 085	1	565	
436	9.214 700	45	9.220 617	47	0.779 383	9.994 084	1	564	
		46		47			2		
437	9.214 746		9.220 664		0.779 336	9.994 082		563	
438	9.214 792	46	9.220 710	46	0.779 290	9.994 081	1	562	
439	9.214 837	45	9.220 757	47	0.779 243	9.994 080	1	561	45
		46		47			1		
.440	9.214 883		9.220 804		0.779 196	9.994 079		.560	1 4.5
		45		47			2		2 9.0
441	9.214 928		9.220 851		0.779 149	9.994 077		559	3 13.5
442	9.214 974	46	9.220 898	47	0.779 102	9.994 076	1	558	4 18.0
443	9.215 019	45	9.220 945	47	0.779 055	9.994 075	1	557	5 22.5
		46		47			1		6 27.0
444	9.215 065		9.220 992		0.779 008	9.994 074		556	7 31.5
445	9.215 111	46	9.221 038	46	0.778 962	9.994 072	2	555	8 36.0
446	9.215 156	45	9.221 085	47	0.778 915	9.994 071	1	554	9 40.5
		46		47			1		
447	9.215 202		9.221 132		0.778 868	9.994 070		553	
448	9.215 247	45	9.221 179	47	0.778 821	9.994 068	2	552	
449	9.215 293	46	9.221 226	47	0.778 774	9.994 067	1	551	
		45		46			1		
.450	9.215 338		9.221 272		0.778 728	9.994 066		.550	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

80°.600 — 80°.550

9°.450 — 9°.500

9°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.215 338		9.221 272		0.778 728	9.994 066		**.550**	
		46		47			1		
451	9.215 384		9.221 319		0.778 681	9.994 065		549	
452	9.215 429	45	9.221 366	47	0.778 634	9.994 063	2	548	
453	9.215 475	46	9.221 413	47	0.778 587	9.994 062	1	547	
		45		47			1		
454	9.215 520		9.221 460		0.778 540	9.994 061		546	
455	9.215 566	46	9.221 506	46	0.778 494	9.994 060	1	545	
456	9.215 612	46	9.221 553	47	0.778 447	9.994 058	2	544	
		45		47			1		
457	9.215 657		9.221 600		0.778 400	9.994 057		543	
458	9.215 703	46	9.221 647	47	0.778 353	9.994 056	1	542	
459	9.215 748	45	9.221 693	46	0.778 307	9.994 055	1	541	
		46		47			2		
.460	9.215 794		9.221 740		0.778 260	9.994 053		**.540**	
		45		47			1		
461	9.215 839		9.221 787		0.778 213	9.994 052		539	
462	9.215 884	45	9.221 834	47	0.778 166	9.994 051	1	538	
463	9.215 930	46	9.221 880	46	0.778 120	9.994 050	1	537	
		45		47			2		
464	9.215 975		9.221 927		0.778 073	9.994 048		536	
465	9.216 021	46	9.221 974	47	0.778 026	9.994 047	1	535	
466	9.216 066	45	9.222 021	47	0.777 979	9.994 046	1	534	
		46		46			2		
467	9.216 112		9.222 067		0.777 933	9.994 044		533	
468	9.216 157	45	9.222 114	47	0.777 886	9.994 043	1	532	
469	9.216 203	46	9.222 161	47	0.777 839	9.994 042	1	531	
		45		46			1		
.470	9.216 248		9.222 207		0.777 793	9.994 041		**.530**	
		46		47			2		
471	9.216 294		9.222 254		0.777 746	9.994 039		529	
472	9.216 339	45	9.222 301	47	0.777 699	9.994 038	1	528	
473	9.216 384	45	9.222 348	47	0.777 652	9.994 037	1	527	
		46		46			1		
474	9.216 430		9.222 394		0.777 606	9.994 036		526	
475	9.216 475	45	9.222 441	47	0.777 559	9.994 034	2	525	
476	9.216 521	46	9.222 488	47	0.777 512	9.994 033	1	524	
		45		46			1		
477	9.216 566		9.222 534		0.777 466	9.994 032		523	
478	9.216 612	46	9.222 581	47	0.777 419	9.994 031	1	522	
479	9.216 657	45	9.222 628	47	0.777 372	9.994 029	2	521	
		45		46			1		
.480	9.216 702		9.222 674		0.777 326	9.994 028		**.520**	
		46		47			1		
481	9.216 748		9.222 721		0.777 279	9.994 027		519	
482	9.216 793	45	9.222 768	47	0.777 232	9.994 026	1	518	
483	9.216 839	46	9.222 814	46	0.777 186	9.994 024	2	517	
		45		47			1		
484	9.216 884		9.222 861		0.777 139	9.994 023		516	
485	9.216 929	45	9.222 908	47	0.777 092	9.994 022	1	515	
486	9.216 975	46	9.222 954	46	0.777 046	9.994 020	2	514	
		45		47			1		
487	9.217 020		9.223 001		0.776 999	9.994 019		513	
488	9.217 065	45	9.223 047	46	0.776 953	9.994 018	1	512	
489	9.217 111	46	9.223 094	47	0.776 906	9.994 017	1	511	
		45		47			2		
.490	9.217 156		9.223 141		0.776 859	9.994 015		**.510**	
		45		46			1		
491	9.217 201		9.223 187		0.776 813	9.994 014		509	
492	9.217 247	46	9.223 234	47	0.776 766	9.994 013	1	508	
493	9.217 292	45	9.223 280	46	0.776 720	9.994 012	1	507	
		45		47			2		
494	9.217 337		9.223 327		0.776 673	9.994 010		506	
495	9.217 383	46	9.223 374	47	0.776 626	9.994 009	1	505	
496	9.217 428	45	9.223 420	46	0.776 580	9.994 008	1	504	
		45		47			2		
497	9.217 473		9.223 467		0.776 533	9.994 006		503	
498	9.217 519	46	9.223 513	46	0.776 487	9.994 005	1	502	
499	9.217 564	45	9.223 560	47	0.776 440	9.994 004	1	501	
		45		47			1		
.500	9.217 609		9.223 607		0.776 393	9.994 003		**.500**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

80°.550 — 80°.500

9°.500 — 9°.550

9°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.217 609		9.223 607		0.776 393	9.994 003		**.500**	
		46		46			2		
501	9.217 655		9.223 653		0.776 347	9.994 001		499	
502	9.217 700	45	9.223 700	47	0.776 300	9.994 000	1	498	
503	9.217 745	45	9.223 746	46	0.776 254	9.993 999	1	497	
		45		47			1		
504	9.217 790		9.223 793		0.776 207	9.993 998		496	
505	9.217 836	46	9.223 839	46	0.776 161	9.993 996	2	495	
506	9.217 881	45	9.223 886	47	0.776 114	9.993 995	1	494	
		45		46			1		
507	9.217 926		9.223 932		0.776 068	9.993 994		493	
508	9.217 971	45	9.223 979	47	0.776 021	9.993 993	1	492	
509	9.218 017	46	9.224 025	46	0.775 975	9.993 991	2	491	
		45		47			1		
.510	9.218 062		9.224 072		0.775 928	9.993 990		**.490**	
		45		46			1		
511	9.218 107		9.224 118		0.775 882	9.993 989		489	
512	9.218 152	45	9.224 165	47	0.775 835	9.993 987	2	488	
513	9.218 198	46	9.224 211	46	0.775 789	9.993 986	1	487	
		45		47			1		
514	9.218 243		9.224 258		0.775 742	9.993 985		486	
515	9.218 288	45	9.224 304	46	0.775 696	9.993 984	1	485	
516	9.218 333	45	9.224 351	47	0.775 649	9.993 982	2	484	
		46		46			1		
517	9.218 379		9.224 397		0.775 603	9.993 981		483	
518	9.218 424	45	9.224 444	47	0.775 556	9.993 980	1	482	
519	9.218 469	45	9.224 490	46	0.775 510	9.993 979	1	481	
		45		47			2		
.520	9.218 514		9.224 537		0.775 463	9.993 977		**.480**	
		45		46			1		
521	9.218 559		9.224 583		0.775 417	9.993 976		479	
522	9.218 605	46	9.224 630	47	0.775 370	9.993 975	1	478	
523	9.218 650	45	9.224 676	46	0.775 324	9.993 973	2	477	
		45		47			1		
524	9.218 695		9.224 723		0.775 277	9.993 972		476	
525	9.218 740	45	9.224 769	46	0.775 231	9.993 971	1	475	
526	9.218 785	45	9.224 816	47	0.775 184	9.993 970	1	474	
		45		46			2		
527	9.218 830		9.224 862		0.775 138	9.993 968		473	
528	9.218 876	46	9.224 908	46	0.775 092	9.993 967	1	472	
529	9.218 921	45	9.224 955	47	0.775 045	9.993 966	1	471	
		45		46			1		
.530	9.218 966		9.225 001		0.774 999	9.993 965		**.470**	
		45		47			2		
531	9.219 011		9.225 048		0.774 952	9.993 963		469	
532	9.219 056	45	9.225 094	46	0.774 906	9.993 962	1	468	
533	9.219 101	45	9.225 141	47	0.774 859	9.993 961	1	467	
		45		46			2		
534	9.219 146		9.225 187		0.774 813	9.993 959		466	
535	9.219 192	46	9.225 233	46	0.774 767	9.993 958	1	465	
536	9.219 237	45	9.225 280	47	0.774 720	9.993 957	1	464	
		45		46			1		
537	9.219 282		9.225 326		0.774 674	9.993 956		463	
538	9.219 327	45	9.225 373	47	0.774 627	9.993 954	2	462	
539	9.219 372	45	9.225 419	46	0.774 581	9.993 953	1	461	
		45		46			1		
.540	9.219 417		9.225 465		0.774 535	9.993 952		**.460**	
		45		47			1		
541	9.219 462		9.225 512		0.774 488	9.993 951		459	
542	9.219 507	45	9.225 558	46	0.774 442	9.993 949	2	458	
543	9.219 552	45	9.225 604	46	0.774 396	9.993 948	1	457	
		46		47			1		
544	9.219 598		9.225 651		0.774 349	9.993 947		456	
545	9.219 643	45	9.225 697	46	0.774 303	9.993 945	2	455	
546	9.219 688	45	9.225 743	46	0.774 257	9.993 944	1	454	
		45		47			1		
547	9.219 733		9.225 790		0.774 210	9.993 943		453	
548	9.219 778	45	9.225 836	46	0.774 164	9.993 942	1	452	
549	9.219 823	45	9.225 883	47	0.774 117	9.993 940	2	451	
		45		46			1		
.550	9.219 868		9.225 929		0.774 071	9.993 939		**.450**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

80°.500 — 80°.450

9°.550 — 9°.600

9°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.219 868		9.225 929		0.774 071	9.993 939		**.450**	
		45		46			1		
551	9.219 913		9.225 975		0.774 025	9.993 938		449	
552	9.219 958	45	9.226 022	47	0.773 978	9.993 937	1	448	
553	9.220 003	45	9.226 068	46	0.773 932	9.993 935	2	447	
		45		46			1		47
554	9.220 048		9.226 114		0.773 886	9.993 934		446	1 4.7
555	9.220 093	45	9.226 160	46	0.773 840	9.993 933	1	445	2 9.4
556	9.220 138	45	9.226 207	47	0.773 793	9.993 931	2	444	3 14.1
		45		46			1		4 18.8
557	9.220 183		9.226 253		0.773 747	9.993 930		443	5 23.5
558	9.220 228	45	9.226 299	46	0.773 701	9.993 929	1	442	6 28.2
559	9.220 273	45	9.226 346	47	0.773 654	9.993 928	1	441	7 32.9
		45		46			2		8 37.6
.560	9.220 318		9.226 392		0.773 608	9.993 926		**.440**	9 42.3
		45		46			1		
561	9.220 363		9.226 438		0.773 562	9.993 925		439	
562	9.220 408	45	9.226 484	46	0.773 516	9.993 924	1	438	
563	9.220 453	45	9.226 531	47	0.773 469	9.993 923	1	437	
		45		46			2		
564	9.220 498		9.226 577		0.773 423	9.993 921		436	
565	9.220 543	45	9.226 623	46	0.773 377	9.993 920	1	435	
566	9.220 588	45	9.226 670	47	0.773 330	9.993 919	1	434	
		45		46			2		46
567	9.220 633		9.226 716		0.773 284	9.993 917		433	1 4.6
568	9.220 678	45	9.226 762	46	0.773 238	9.993 916	1	432	2 9.2
569	9.220 723	45	9.226 808	46	0.773 192	9.993 915	1	431	3 13.8
		45		47			1		4 18.4
.570	9.220 768		9.226 855		0.773 145	9.993 914		**.430**	5 23.0
		45		46			2		6 27.6
571	9.220 813		9.226 901		0.773 099	9.993 912		429	7 32.2
572	9.220 858	45	9.226 947	46	0.773 053	9.993 911	1	428	8 36.8
573	9.220 903	45	9.226 993	46	0.773 007	9.993 910	1	427	9 41.4
		45		46			2		
574	9.220 948		9.227 039		0.772 961	9.993 908		426	
575	9.220 993	45	9.227 086	47	0.772 914	9.993 907	1	425	
576	9.221 038	45	9.227 132	46	0.772 868	9.993 906	1	424	
		45		46			1		
577	9.221 083		9.227 178		0.772 822	9.993 905		423	45
578	9.221 128	45	9.227 224	46	0.772 776	9.993 903	2	422	
579	9.221 173	45	9.227 270	46	0.772 730	9.993 902	1	421	1 4.5
		44		47			1		2 9.0
.580	9.221 217		9.227 317		0.772 683	9.993 901		**.420**	3 13.5
		45		46			1		4 18.0
581	9.221 262		9.227 363		0.772 637	9.993 900		419	5 22.5
582	9.221 307	45	9.227 409	46	0.772 591	9.993 898	2	418	6 27.0
583	9.221 352	45	9.227 455	46	0.772 545	9.993 897	1	417	7 31.5
		45		46			1		8 36.0
584	9.221 397		9.227 501		0.772 499	9.993 896		416	9 40.5
585	9.221 442	45	9.227 548	47	0.772 452	9.993 894	2	415	
586	9.221 487	45	9.227 594	46	0.772 406	9.993 893	1	414	
		45		46			1		
587	9.221 532		9.227 640		0.772 360	9.993 892		413	
588	9.221 577	45	9.227 686	46	0.772 314	9.993 891	1	412	
589	9.221 621	44	9.227 732	46	0.772 268	9.993 889	2	411	44
		45		46			1		
.590	9.221 666		9.227 778		0.772 222	9.993 888		**.410**	1 4.4
		45		46			1		2 8.8
591	9.221 711		9.227 824		0.772 176	9.993 887		409	3 13.2
592	9.221 756	45	9.227 871	47	0.772 129	9.993 885	2	408	4 17.6
593	9.221 801	45	9.227 917	46	0.772 083	9.993 884	1	407	5 22.0
		45		46			1		6 26.4
594	9.221 846		9.227 963		0.772 037	9.993 883		406	7 30.8
595	9.221 891	45	9.228 009	46	0.771 991	9.993 882	1	405	8 35.2
596	9.221 935	44	9.228 055	46	0.771 945	9.993 880	2	404	9 39.6
		45		46			1		
597	9.221 980		9.228 101		0.771 899	9.993 879		403	
598	9.222 025	45	9.228 147	46	0.771 853	9.993 878	1	402	
599	9.222 070	45	9.228 193	46	0.771 807	9.993 876	2	401	
		45		46			1		
.600	9.222 115		9.228 239		0.771 761	9.993 875		**.400**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

80°.450 — 80°.400

9°.600 — 9°.650

9°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.222 115		9.228 239		0.771 761	9.993 875		**.400**	
		44		47			1		
601	9.222 159		9.228 286		0.771 714	9.993 874		399	
602	9.222 204	45	9.228 332	46	0.771 668	9.993 873	1	398	
603	9.222 249	45	9.228 378	46	0.771 622	9.993 871	2	397	
		45		46			1		47
604	9.222 294		9.228 424		0.771 576	9.993 870		396	1 4.7
605	9.222 339	45	9.228 470	46	0.771 530	9.993 869	1	395	2 9.4
606	9.222 383	44	9.228 516	46	0.771 484	9.993 867	2	394	3 14.1
		45		46			1		4 18.8
607	9.222 428		9.228 562		0.771 438	9.993 866		393	5 23.5
608	9.222 473	45	9.228 608	46	0.771 392	9.993 865	1	392	6 28.2
609	9.222 518	45	9.228 654	46	0.771 346	9.993 864	1	391	7 32.9
		45		46			2		8 37.6
.610	9.222 563		9.228 700		0.771 300	9.993 862		**.390**	9 42.3
		44		46			1		
611	9.222 607		9.228 746		0.771 254	9.993 861		389	
612	9.222 652	45	9.228 792	46	0.771 208	9.993 860	1	388	
613	9.222 697	45	9.228 838	46	0.771 162	9.993 858	2	387	
		45		46			1		
614	9.222 742		9.228 884		0.771 116	9.993 857		386	
615	9.222 786	44	9.228 930	46	0.771 070	9.993 856	1	385	46
616	9.222 831	45	9.228 976	46	0.771 024	9.993 855	1	384	
		45		46			2		1 4.6
617	9.222 876		9.229 022		0.770 978	9.993 853		383	2 9.2
618	9.222 921	45	9.229 068	46	0.770 932	9.993 852	1	382	3 13.8
619	9.222 965	44	9.229 115	47	0.770 885	9.993 851	1	381	4 18.4
		45		46			1		5 23.0
.620	9.223 010		9.229 161		0.770 839	9.993 850		**.380**	6 27.6
		45		46			2		7 32.2
621	9.223 055		9.229 207		0.770 793	9.993 848		379	8 36.8
622	9.223 099	44	9.229 253	46	0.770 747	9.993 847	1	378	9 41.4
623	9.223 144	45	9.229 299	46	0.770 701	9.993 846	1	377	
		45		45			2		
624	9.223 189		9.229 344		0.770 656	9.993 844		376	
625	9.223 234	45	9.229 390	46	0.770 610	9.993 843	1	375	
626	9.223 278	44	9.229 436	46	0.770 564	9.993 842	1	374	
		45		46			1		
627	9.223 323		9.229 482		0.770 518	9.993 841		373	45
628	9.223 368	45	9.229 528	46	0.770 472	9.993 839	2	372	
629	9.223 412	44	9.229 574	46	0.770 426	9.993 838	1	371	1 4.5
		45		46			1		2 9.0
.630	9.223 457		9.229 620		0.770 380	9.993 837		**.370**	3 13.5
		45		46			2		4 18.0
631	9.223 502		9.229 666		0.770 334	9.993 835		369	5 22.5
632	9.223 546	44	9.229 712	46	0.770 288	9.993 834	1	368	6 27.0
633	9.223 591	45	9.229 758	46	0.770 242	9.993 833	1	367	7 31.5
		45		46			1		8 36.0
634	9.223 636		9.229 804		0.770 196	9.993 832		366	9 40.5
635	9.223 680	44	9.229 850	46	0.770 150	9.993 830	2	365	
636	9.223 725	45	9.229 896	46	0.770 104	9.993 829	1	364	
		45		46			1		
637	9.223 770		9.229 942		0.770 058	9.993 828		363	
638	9.223 814	44	9.229 988	46	0.770 012	9.993 826	2	362	
639	9.223 859	45	9.230 034	46	0.769 966	9.993 825	1	361	44
		44		46			1		
.640	9.223 903		9.230 080		0.769 920	9.993 824		**.360**	1 4.4
		45		46			2		2 8.8
641	9.223 948		9.230 126		0.769 874	9.993 822		359	3 13.2
642	9.223 993	45	9.230 172	46	0.769 828	9.993 821	1	358	4 17.6
643	9.224 037	44	9.230 217	45	0.769 783	9.993 820	1	357	5 22.0
		45		46			1		6 26.4
644	9.224 082		9.230 263		0.769 737	9.993 819		356	7 30.8
645	9.224 127	45	9.230 309	46	0.769 691	9.993 817	2	355	8 35.2
646	9.224 171	44	9.230 355	46	0.769 645	9.993 816	1	354	9 39.6
		45		46			1		
647	9.224 216		9.230 401		0.769 599	9.993 815		353	
648	9.224 260	44	9.230 447	46	0.769 553	9.993 813	2	352	
649	9.224 305	45	9.230 493	46	0.769 507	9.993 812	1	351	
		44		46			1		
.650	9.224 349		9.230 539		0.769 461	9.993 811		**.350**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

80°.400 — 80°.350

9°.650 — 9°.700

9°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.224 349		9.230 539		0.769 461	9.993 811		.350	
651	9.224 394	45	9.230 584	45	0.769 416	9.993 810	1	349	
652	9.224 439	45	9.230 630	46	0.769 370	9.993 808	2	348	
653	9.224 483	44	9.230 676	46	0.769 324	9.993 807	1	347	
654	9.224 528	45	9.230 722	46	0.769 278	9.993 806	1	346	
655	9.224 572	44	9.230 768	46	0.769 232	9.993 804	2	345	
656	9.224 617	45	9.230 814	46	0.769 186	9.993 803	1	344	
657	9.224 661	44	9.230 860	46	0.769 140	9.993 802	1	343	
658	9.224 706	45	9.230 905	45	0.769 095	9.993 801	1	342	
659	9.224 750	44	9.230 951	46	0.769 049	9.993 799	2	341	
.660	9.224 795	45	9.230 997	46	0.769 003	9.993 798	1	.340	
661	9.224 840	45	9.231 043	46	0.768 957	9.993 797	1	339	
662	9.224 884	44	9.231 089	46	0.768 911	9.993 795	2	338	
663	9.224 929	45	9.231 134	45	0.768 866	9.993 794	1	337	
664	9.224 973	44	9.231 180	46	0.768 820	9.993 793	1	336	
665	9.225 018	45	9.231 226	46	0.768 774	9.993 792	1	335	
666	9.225 062	44	9.231 272	46	0.768 728	9.993 790	2	334	
667	9.225 107	45	9.231 318	46	0.768 682	9.993 789	1	333	
668	9.225 151	44	9.231 363	45	0.768 637	9.993 788	1	332	
669	9.225 196	45	9.231 409	46	0.768 591	9.993 786	2	331	
.670	9.225 240	44	9.231 455	46	0.768 545	9.993 785	1	.330	
671	9.225 285	45	9.231 501	46	0.768 499	9.993 784	1	329	
672	9.225 329	44	9.231 547	46	0.768 453	9.993 783	1	328	
673	9.225 374	45	9.231 592	45	0.768 408	9.993 781	2	327	
674	9.225 418	44	9.231 638	46	0.768 362	9.993 780	1	326	
675	9.225 462	44	9.231 684	46	0.768 316	9.993 779	1	325	
676	9.225 507	45	9.231 730	46	0.768 270	9.993 777	2	324	
677	9.225 551	44	9.231 775	45	0.768 225	9.993 776	1	323	
678	9.225 596	45	9.231 821	46	0.768 179	9.993 775	1	322	
679	9.225 640	44	9.231 867	46	0.768 133	9.993 773	2	321	
.680	9.225 685	45	9.231 913	46	0.768 087	9.993 772	1	.320	
681	9.225 729	44	9.231 958	45	0.768 042	9.993 771	1	319	
682	9.225 774	45	9.232 004	46	0.767 996	9.993 770	1	318	
683	9.225 818	44	9.232 050	46	0.767 950	9.993 768	2	317	
684	9.225 862	44	9.232 095	45	0.767 905	9.993 767	1	316	
685	9.225 907	45	9.232 141	46	0.767 859	9.993 766	1	315	
686	9.225 951	44	9.232 187	46	0.767 813	9.993 764	2	314	
687	9.225 996	45	9.232 233	46	0.767 767	9.993 763	1	313	
688	9.226 040	44	9.232 278	45	0.767 722	9.993 762	1	312	
689	9.226 084	44	9.232 324	46	0.767 676	9.993 761	1	311	
.690	9.226 129	45	9.232 370	46	0.767 630	9.993 759	2	.310	
691	9.226 173	44	9.232 415	45	0.767 585	9.993 758	1	309	
692	9.226 218	45	9.232 461	46	0.767 539	9.993 757	1	308	
693	9.226 262	44	9.232 507	46	0.767 493	9.993 755	2	307	
694	9.226 306	44	9.232 552	45	0.767 448	9.993 754	1	306	
695	9.226 351	45	9.232 598	46	0.767 402	9.993 753	1	305	
696	9.226 395	44	9.232 644	46	0.767 356	9.993 751	2	304	
697	9.226 439	44	9.232 689	45	0.767 311	9.993 750	1	303	
698	9.226 484	45	9.232 735	46	0.767 265	9.993 749	1	302	
699	9.226 528	44	9.232 781	46	0.767 219	9.993 748	1	301	
.700	9.226 573	45	9.232 826	45	0.767 174	9.993 746	2	.300	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

80°.350 — 80°.300

9°.700 — 9°.750

9°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.226 573		9.232 826		0.767 174	9.993 746		**.300**	
		44		46			1		
701	9.226 617		9.232 872		0.767 128	9.993 745		299	
702	9.226 661	44	9.232 918	46	0.767 082	9.993 744	1	298	
703	9.226 706	45	9.232 963	45	0.767 037	9.993 742	2	297	
		44		46			1		
704	9.226 750		9.233 009		0.766 991	9.993 741		296	
705	9.226 794	44	9.233 054	45	0.766 946	9.993 740	1	295	
706	9.226 839	45	9.233 100	46	0.766 900	9.993 739	1	294	
		44		46			2		
707	9.226 883		9.233 146		0.766 854	9.993 737		293	
708	9.226 927	44	9.233 191	45	0.766 809	9.993 736	1	292	
709	9.226 971	44	9.233 237	46	0.766 763	9.993 735	1	291	
		45		45			2		
.710	9.227 016		9.233 282		0.766 718	9.993 733		**.290**	
		44		46			1		
711	9.227 060		9.233 328		0.766 672	9.993 732		289	
712	9.227 104	44	9.233 374	46	0.766 626	9.993 731	1	288	
713	9.227 149	45	9.233 419	45	0.766 581	9.993 729	2	287	
		44		46			1		
714	9.227 193		9.233 465		0.766 535	9.993 728		286	
715	9.227 237	44	9.233 510	45	0.766 490	9.993 727	1	285	
716	9.227 281	44	9.233 556	46	0.766 444	9.993 726	1	284	
		45		45			2		
717	9.227 326		9.233 601		0.766 399	9.993 724		283	
718	9.227 370	44	9.233 647	46	0.766 353	9.993 723	1	282	
719	9.227 414	44	9.233 693	46	0.766 307	9.993 722	1	281	
		44		45			2		
.720	9.227 458		9.233 738		0.766 262	9.993 720		**.280**	
		45		46			1		
721	9.227 503		9.233 784		0.766 216	9.993 719		279	
722	9.227 547	44	9.233 829	45	0.766 171	9.993 718	1	278	
723	9.227 591	44	9.233 875	46	0.766 125	9.993 716	2	277	
		44		45			1		
724	9.227 635		9.233 920		0.766 080	9.993 715		276	
725	9.227 680	45	9.233 966	46	0.766 034	9.993 714	1	275	
726	9.227 724	44	9.234 011	45	0.765 989	9.993 713	1	274	
		44		46			2		
727	9.227 768		9.234 057		0.765 943	9.993 711		273	
728	9.227 812	44	9.234 102	45	0.765 898	9.993 710	1	272	
729	9.227 857	45	9.234 148	46	0.765 852	9.993 709	1	271	
		44		45			2		
.730	9.227 901		9.234 193		0.765 807	9.993 707		**.270**	
		44		46			1		
731	9.227 945		9.234 239		0.765 761	9.993 706		269	
732	9.227 989	44	9.234 284	45	0.765 716	9.993 705	1	268	
733	9.228 033	44	9.234 330	46	0.765 670	9.993 703	2	267	
		45		45			1		
734	9.228 078		9.234 375		0.765 625	9.993 702		266	
735	9.228 122	44	9.234 421	46	0.765 579	9.993 701	1	265	
736	9.228 166	44	9.234 466	45	0.765 534	9.993 700	1	264	
		44		46			2		
737	9.228 210		9.234 512		0.765 488	9.993 698		263	
738	9.228 254	44	9.234 557	45	0.765 443	9.993 697	1	262	
739	9.228 298	44	9.234 603	46	0.765 397	9.993 696	1	261	
		45		45			2		
.740	9.228 343		9.234 648		0.765 352	9.993 694		**.260**	
		44		46			1		
741	9.228 387		9.234 694		0.765 306	9.993 693		259	
742	9.228 431	44	9.234 739	45	0.765 261	9.993 692	1	258	
743	9.228 475	44	9.234 785	46	0.765 215	9.993 690	2	257	
		44		45			1		
744	9.228 519		9.234 830		0.765 170	9.993 689		256	
745	9.228 563	44	9.234 875	45	0.765 125	9.993 688	1	255	
746	9.228 607	44	9.234 921	46	0.765 079	9.993 687	1	254	
		45		45			2		
747	9.228 652		9.234 966		0.765 034	9.993 685		253	
748	9.228 696	44	9.235 012	46	0.764 988	9.993 684	1	252	
749	9.228 740	44	9.235 057	45	0.764 943	9.993 683	1	251	
		44		46			2		
.750	9.228 784		9.235 103		0.764 897	9.993 681		**.250**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

80°.300 — 80°.250

9°.750 — 9°.800

9°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.228 784		9.235 103		0.764 897	9.993 681		**.250**	
		44		45			1		
751	9.228 828		9.235 148		0.764 852	9.993 680		249	
		44		45			1		
752	9.228 872		9.235 193		0.764 807	9.993 679		248	
		44		46			2		
753	9.228 916		9.235 239		0.764 761	9.993 677		247	
		44		45			1		
754	9.228 960		9.235 284		0.764 716	9.993 676		246	
		44		46			1		
755	9.229 004		9.235 330		0.764 670	9.993 675		245	
		45		45			1		
756	9.229 049		9.235 375		0.764 625	9.993 674		244	
		44		45			2		
757	9.229 093		9.235 420		0.764 580	9.993 672		243	
		44		46			1		
758	9.229 137		9.235 466		0.764 534	9.993 671		242	
		44		45			1		
759	9.229 181		9.235 511		0.764 489	9.993 670		241	
		44		46			2		
.760	9.229 225		9.235 557		0.764 443	9.993 668		**.240**	
		44		45			1		
761	9.229 269		9.235 602		0.764 398	9.993 667		239	
		44		45			1		
762	9.229 313		9.235 647		0.764 353	9.993 666		238	
		44		46			2		
763	9.229 357		9.235 693		0.764 307	9.993 664		237	
		44		45			1		
764	9.229 401		9.235 738		0.764 262	9.993 663		236	
		44		45			1		
765	9.229 445		9.235 783		0.764 217	9.993 662		235	
		44		46			2		
766	9.229 489		9.235 829		0.764 171	9.993 660		234	
		44		45			1		
767	9.229 533		9.235 874		0.764 126	9.993 659		233	
		44		45			1		
768	9.229 577		9.235 919		0.764 081	9.993 658		232	
		44		46			1		
769	9.229 621		9.235 965		0.764 035	9.993 657		231	
		44		45			2		
.770	9.229 665		9.236 010		0.763 990	9.993 655		**.230**	
		44		45			1		
771	9.229 709		9.236 055		0.763 945	9.993 654		229	
		44		46			1		
772	9.229 753		9.236 101		0.763 899	9.993 653		228	
		44		45			2		
773	9.229 797		9.236 146		0.763 854	9.993 651		227	
		44		45			1		
774	9.229 841		9.236 191		0.763 809	9.993 650		226	
		44		46			1		
775	9.229 885		9.236 237		0.763 763	9.993 649		225	
		44		45			2		
776	9.229 929		9.236 282		0.763 718	9.993 647		224	
		44		45			1		
777	9.229 973		9.236 327		0.763 673	9.993 646		223	
		44		45			1		
778	9.230 017		9.236 372		0.763 628	9.993 645		222	
		44		46			1		
779	9.230 061		9.236 418		0.763 582	9.993 644		221	
		44		45			2		
.780	9.230 105		9.236 463		0.763 537	9.993 642		**.220**	
		44		45			1		
781	9.230 149		9.236 508		0.763 492	9.993 641		219	
		44		46			1		
782	9.230 193		9.236 554		0.763 446	9.993 640		218	
		44		45			2		
783	9.230 237		9.236 599		0.763 401	9.993 638		217	
		44		45			1		
784	9.230 281		9.236 644		0.763 356	9.993 637		216	
		44		45			1		
785	9.230 325		9.236 689		0.763 311	9.993 636		215	
		44		46			2		
786	9.230 369		9.236 735		0.763 265	9.993 634		214	
		44		45			1		
787	9.230 413		9.236 780		0.763 220	9.993 633		213	
		44		45			1		
788	9.230 457		9.236 825		0.763 175	9.993 632		212	
		44		45			2		
789	9.230 501		9.236 870		0.763 130	9.993 630		211	
		44		46			1		
.790	9.230 545		9.236 916		0.763 084	9.993 629		**.210**	
		44		45			1		
791	9.230 589		9.236 961		0.763 039	9.993 628		209	
		44		45			1		
792	9.230 633		9.237 006		0.762 994	9.993 627		208	
		44		45			2		
793	9.230 677		9.237 051		0.762 949	9.993 625		207	
		43		46			1		
794	9.230 720		9.237 097		0.762 903	9.993 624		206	
		44		45			1		
795	9.230 764		9.237 142		0.762 858	9.993 623		205	
		44		45			2		
796	9.230 808		9.237 187		0.762 813	9.993 621		204	
		44		45			1		
797	9.230 852		9.237 232		0.762 768	9.993 620		203	
		44		45			1		
798	9.230 896		9.237 277		0.762 723	9.993 619		202	
		44		46			2		
799	9.230 940		9.237 323		0.762 677	9.993 617		201	
		44		45			1		
.800	9.230 984		9.237 368		0.762 632	9.993 616		**.200**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

80°.250 — 80°.200

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

9°.800 — 9°.850

9°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.230 984		9.237 368		0.762 632	9.993 616		**.200**	
		44		45			1		
801	9.231 028		9.237 413		0.762 587	9.993 615		199	
802	9.231 072	44	9.237 458	45	0.762 542	9.993 613	2	198	
803	9.231 115	43	9.237 503	45	0.762 497	9.993 612	1	197	
		44		45			1		46
804	9.231 159		9.237 548		0.762 452	9.993 611		196	1 4.6
805	9.231 203	44	9.237 594	46	0.762 406	9.993 609	2	195	2 9.2
806	9.231 247	44	9.237 639	45	0.762 361	9.993 608	1	194	3 13.8
		44		45			1		4 18.4
807	9.231 291		9.237 684		0.762 316	9.993 607		193	5 23.0
808	9.231 335	44	9.237 729	45	0.762 271	9.993 606	1	192	6 27.6
809	9.231 379	44	9.237 774	45	0.762 226	9.993 604	2	191	7 32.2
		43		45			1		8 36.8
.810	9.231 422		9.237 819		0.762 181	9.993 603		**.190**	9 41.4
		44		46			1		
811	9.231 466		9.237 865		0.762 135	9.993 602		189	
812	9.231 510	44	9.237 910	45	0.762 090	9.993 600	2	188	
813	9.231 554	44	9.237 955	45	0.762 045	9.993 599	1	187	
		44		45			1		
814	9.231 598		9.238 000		0.762 000	9.993 598		186	
815	9.231 642	44	9.238 045	45	0.761 955	9.993 596	2	185	
816	9.231 685	43	9.238 090	45	0.761 910	9.993 595	1	184	45
		44		45			1		1 4.5
817	9.231 729		9.238 135		0.761 865	9.993 594		183	2 9.0
818	9.231 773	44	9.238 180	45	0.761 820	9.993 592	2	182	3 13.5
819	9.231 817	44	9.238 226	46	0.761 774	9.993 591	1	181	4 18.0
		44		45			1		5 22.5
.820	9.231 861		9.238 271		0.761 729	9.993 590		**.180**	6 27.0
		43		45			1		7 31.5
821	9.231 904		9.238 316		0.761 684	9.993 589		179	8 36.0
822	9.231 948	44	9.238 361	45	0.761 639	9.993 587	2	178	9 40.5
823	9.231 992	44	9.238 406	45	0.761 594	9.993 586	1	177	
		44		45			1		
824	9.232 036		9.238 451		0.761 549	9.993 585		176	
825	9.232 079	43	9.238 496	45	0.761 504	9.993 583	2	175	
826	9.232 123	44	9.238 541	45	0.761 459	9.993 582	1	174	
		44		45			1		44
827	9.232 167		9.238 586		0.761 414	9.993 581		173	1 4.4
828	9.232 211	44	9.238 631	45	0.761 369	9.993 579	2	172	2 8.8
829	9.232 254	43	9.238 676	45	0.761 324	9.993 578	1	171	3 13.2
		44		46			1		4 17.6
.830	9.232 298		9.238 722		0.761 278	9.993 577		**.170**	5 22.0
		44		45			2		6 26.4
831	9.232 342		9.238 767		0.761 233	9.993 575		169	7 30.8
832	9.232 386	44	9.238 812	45	0.761 188	9.993 574	1	168	8 35.2
833	9.232 429	43	9.238 857	45	0.761 143	9.993 573	1	167	9 39.6
		44		45			2		
834	9.232 473		9.238 902		0.761 098	9.993 571		166	
835	9.232 517	44	9.238 947	45	0.761 053	9.993 570	1	165	
836	9.232 561	44	9.238 992	45	0.761 008	9.993 569	1	164	
		43		45			1		
837	9.232 604		9.239 037		0.760 963	9.993 568		163	
838	9.232 648	44	9.239 082	45	0.760 918	9.993 566	2	162	
839	9.232 692	44	9.239 127	45	0.760 873	9.993 565	1	161	43
		43		45			1		
.840	9.232 735		9.239 172		0.760 828	9.993 564		**.160**	1 4.3
		44		45			2		2 8.6
841	9.232 779		9.239 217		0.760 783	9.993 562		159	3 12.9
842	9.232 823	44	9.239 262	45	0.760 738	9.993 561	1	158	4 17.2
843	9.232 867	44	9.239 307	45	0.760 693	9.993 560	1	157	5 21.5
		43		45			2		6 25.8
844	9.232 910		9.239 352		0.760 648	9.993 558		156	7 30.1
845	9.232 954	44	9.239 397	45	0.760 603	9.993 557	1	155	8 34.4
846	9.232 998	44	9.239 442	45	0.760 558	9.993 556	1	154	9 38.7
		43		45			2		
847	9.233 041		9.239 487		0.760 513	9.993 554		153	
848	9.233 085	44	9.239 532	45	0.760 468	9.993 553	1	152	
849	9.233 129	44	9.239 577	45	0.760 423	9.993 552	1	151	
		43		45			2		
.850	9.233 172		9.239 622		0.760 378	9.993 550		**.150**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

80°.200 — 80°.150

9°.850 — 9°.900

9°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.233 172		9.239 622		0.760 378	9.993 550		.150	
		44		45			1		
851	9.233 216		9.239 667		0.760 333	9.993 549		149	
852	9.233 260	44	9.239 712	45	0.760 288	9.993 548	1	148	
853	9.233 303	43	9.239 757	45	0.760 243	9.993 546	2	147	
		44		45			1		
854	9.233 347		9.239 802		0.760 198	9.993 545		146	
855	9.233 390	43	9.239 847	45	0.760 153	9.993 544	1	145	
856	9.233 434	44	9.239 892	45	0.760 108	9.993 543	1	144	
		44		45			2		
857	9.233 478		9.239 937		0.760 063	9.993 541		143	
858	9.233 521	43	9.239 981	44	0.760 019	9.993 540	1	142	
859	9.233 565	44	9.240 026	45	0.759 974	9.993 539	1	141	
		44		45			2		
.860	9.233 609		9.240 071		0.759 929	9.993 537		.140	
		43		45			1		
861	9.233 652		9.240 116		0.759 884	9.993 536		139	
862	9.233 696	44	9.240 161	45	0.759 839	9.993 535	1	138	
863	9.233 739	43	9.240 206	45	0.759 794	9.993 533	2	137	
		44		45			1		
864	9.233 783		9.240 251		0.759 749	9.993 532		136	
865	9.233 827	44	9.240 296	45	0.759 704	9.993 531	1	135	
866	9.233 870	43	9.240 341	45	0.759 659	9.993 529	2	134	
		44		45			1		
867	9.233 914		9.240 386		0.759 614	9.993 528		133	
868	9.233 957	43	9.240 431	45	0.759 569	9.993 527	1	132	
869	9.234 001	44	9.240 476	45	0.759 524	9.993 525	2	131	
		43		44			1		
.870	9.234 044		9.240 520		0.759 480	9.993 524		.130	
		44		45			1		
871	9.234 088		9.240 565		0.759 435	9.993 523		129	
872	9.234 132	44	9.240 610	45	0.759 390	9.993 521	2	128	
873	9.234 175	43	9.240 655	45	0.759 345	9.993 520	1	127	
		44		45			1		
874	9.234 219		9.240 700		0.759 300	9.993 519		126	
875	9.234 262	43	9.240 745	45	0.759 255	9.993 517	2	125	
876	9.234 306	44	9.240 790	45	0.759 210	9.993 516	1	124	
		43		44			1		
877	9.234 349		9.240 834		0.759 166	9.993 515		123	
878	9.234 393	44	9.240 879	45	0.759 121	9.993 514	1	122	
879	9.234 436	43	9.240 924	45	0.759 076	9.993 512	2	121	
		44		45			1		
.880	9.234 480		9.240 969		0.759 031	9.993 511		.120	
		43		45			1		
881	9.234 523		9.241 014		0.758 986	9.993 510		119	
882	9.234 567	44	9.241 059	45	0.758 941	9.993 508	2	118	
883	9.234 610	43	9.241 104	45	0.758 896	9.993 507	1	117	
		44		44			1		
884	9.234 654		9.241 148		0.758 852	9.993 506		116	
885	9.234 697	43	9.241 193	45	0.758 807	9.993 504	2	115	
886	9.234 741	44	9.241 238	45	0.758 762	9.993 503	1	114	
		43		45			1		
887	9.234 784		9.241 283		0.758 717	9.993 502		113	
888	9.234 828	44	9.241 328	45	0.758 672	9.993 500	2	112	
889	9.234 871	43	9.241 372	44	0.758 628	9.993 499	1	111	
		44		45			1		
.890	9.234 915		9.241 417		0.758 583	9.993 498		.110	
		43		45			2		
891	9.234 958		9.241 462		0.758 538	9.993 496		109	
892	9.235 002	44	9.241 507	45	0.758 493	9.993 495	1	108	
893	9.235 045	43	9.241 552	45	0.758 448	9.993 494	1	107	
		44		44			2		
894	9.235 089		9.241 596		0.758 404	9.993 492		106	
895	9.235 132	43	9.241 641	45	0.758 359	9.993 491	1	105	
896	9.235 176	44	9.241 686	45	0.758 314	9.993 490	1	104	
		43		45			2		
897	9.235 219		9.241 731		0.758 269	9.993 488		103	
898	9.235 263	44	9.241 775	44	0.758 225	9.993 487	1	102	
899	9.235 306	43	9.241 820	45	0.758 180	9.993 486	1	101	
		43		45			2		
.900	9.235 349		9.241 865		0.758 135	9.993 484		.100	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

80°.150 — 80°.100

9°.900 — 9°.950

9°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.235 349		9.241 865		0.758 135	9.993 484		**.100**	
		44		45			1		
901	9.235 393		9.241 910		0.758 090	9.993 483		099	
		43		44			1		
902	9.235 436		9.241 954		0.758 046	9.993 482		098	
		44		45			2		
903	9.235 480		9.241 999		0.758 001	9.993 480		097	
		43		45			1		
904	9.235 523		9.242 044		0.757 956	9.993 479		096	
		43		45			1		
905	9.235 566		9.242 089		0.757 911	9.993 478		095	
		44		44			2		
906	9.235 610		9.242 133		0.757 867	9.993 476		094	
		43		45			1		
907	9.235 653		9.242 178		0.757 822	9.993 475		093	
		44		45			1		
908	9.235 697		9.242 223		0.757 777	9.993 474		092	
		43		45			1		
909	9.235 740		9.242 268		0.757 732	9.993 473		091	
		43		44			2		
.910	9.235 783		9.242 312		0.757 688	9.993 471		**.090**	
		44		45			1		
911	9.235 827		9.242 357		0.757 643	9.993 470		089	
		43		45			1		
912	9.235 870		9.242 402		0.757 598	9.993 469		088	
		44		44			2		
913	9.235 914		9.242 446		0.757 554	9.993 467		087	
		43		45			1		
914	9.235 957		9.242 491		0.757 509	9.993 466		086	
		43		45			1		
915	9.236 000		9.242 536		0.757 464	9.993 465		085	
		44		44			2		
916	9.236 044		9.242 580		0.757 420	9.993 463		084	
		43		45			1		
917	9.236 087		9.242 625		0.757 375	9.993 462		083	
		43		45			1		
918	9.236 130		9.242 670		0.757 330	9.993 461		082	
		44		44			2		
919	9.236 174		9.242 714		0.757 286	9.993 459		081	
		43		45			1		
.920	9.236 217		9.242 759		0.757 241	9.993 458		**.080**	
		43		45			1		
921	9.236 260		9.242 804		0.757 196	9.993 457		079	
		44		44			2		
922	9.236 304		9.242 848		0.757 152	9.993 455		078	
		43		45			1		
923	9.236 347		9.242 893		0.757 107	9.993 454		077	
		43		45			1		
924	9.236 390		9.242 938		0.757 062	9.993 453		076	
		44		44			2		
925	9.236 434		9.242 982		0.757 018	9.993 451		075	
		43		45			1		
926	9.236 477		9.243 027		0.756 973	9.993 450		074	
		43		45			1		
927	9.236 520		9.243 072		0.756 928	9.993 449		073	
		44		44			2		
928	9.236 564		9.243 116		0.756 884	9.993 447		072	
		43		45			1		
929	9.236 607		9.243 161		0.756 839	9.993 446		071	
		43		45			1		
.930	9.236 650		9.243 206		0.756 794	9.993 445		**.070**	
		44		44			2		
931	9.236 694		9.243 250		0.756 750	9.993 443		069	
		43		45			1		
932	9.236 737		9.243 295		0.756 705	9.993 442		068	
		43		44			1		
933	9.236 780		9.243 339		0.756 661	9.993 441		067	
		43		45			2		
934	9.236 823		9.243 384		0.756 616	9.993 439		066	
		44		45			1		
935	9.236 867		9.243 429		0.756 571	9.993 438		065	
		43		44			1		
936	9.236 910		9.243 473		0.756 527	9.993 437		064	
		43		45			2		
937	9.236 953		9.243 518		0.756 482	9.993 435		063	
		44		44			1		
938	9.236 997		9.243 562		0.756 438	9.993 434		062	
		43		45			1		
939	9.237 040		9.243 607		0.756 393	9.993 433		061	
		43		45			2		
.940	9.237 083		9.243 652		0.756 348	9.993 431		**.060**	
		43		44			1		
941	9.237 126		9.243 696		0.756 304	9.993 430		059	
		44		45			1		
942	9.237 170		9.243 741		0.756 259	9.993 429		058	
		43		44			2		
943	9.237 213		9.243 785		0.756 215	9.993 427		057	
		43		45			1		
944	9.237 256		9.243 830		0.756 170	9.993 426		056	
		43		44			1		
945	9.237 299		9.243 874		0.756 126	9.993 425		055	
		43		45			2		
946	9.237 342		9.243 919		0.756 081	9.993 423		054	
		44		45			1		
947	9.237 386		9.243 964		0.756 036	9.993 422		053	
		43		44			1		
948	9.237 429		9.244 008		0.755 992	9.993 421		052	
		43		45			2		
949	9.237 472		9.244 053		0.755 947	9.993 419		051	
		43		44			1		
.950	9.237 515		9.244 097		0.755 903	9.993 418		**.050**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

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1	4.5
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3	13.5
4	18.0
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6	27.0
7	31.5
8	36.0
9	40.5

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2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

80°.100 — 80°.050

9°.950 — 10°.000

9°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.237 515		9.244 097		0.755 903	9.993 418		**.050**	
		44		45			1		
951	9.237 559		9.244 142		0.755 858	9.993 417		049	
		43		44			2		
952	9.237 602		9.244 186		0.755 814	9.993 415		048	
		43		45			1		
953	9.237 645		9.244 231		0.755 769	9.993 414		047	
		43		44			1		
954	9.237 688		9.244 275		0.755 725	9.993 413		046	
		43		45			2		
955	9.237 731		9.244 320		0.755 680	9.993 411		045	
		44		44			1		
956	9.237 775		9.244 364		0.755 636	9.993 410		044	
		43		45			1		
957	9.237 818		9.244 409		0.755 591	9.993 409		043	
		43		44			2		
958	9.237 861		9.244 453		0.755 547	9.993 407		042	
		43		45			1		
959	9.237 904		9.244 498		0.755 502	9.993 406		041	
		43		44			1		
.960	9.237 947		9.244 542		0.755 458	9.993 405		**.040**	
		43		45			2		
961	9.237 990		9.244 587		0.755 413	9.993 403		039	
		44		44			1		
962	9.238 034		9.244 631		0.755 369	9.993 402		038	
		43		45			1		
963	9.238 077		9.244 676		0.755 324	9.993 401		037	
		43		44			2		
964	9.238 120		9.244 720		0.755 280	9.993 399		036	
		43		45			1		
965	9.238 163		9.244 765		0.755 235	9.993 398		035	
		43		44			1		
966	9.238 206		9.244 809		0.755 191	9.993 397		034	
		43		45			2		
967	9.238 249		9.244 854		0.755 146	9.993 395		033	
		43		44			1		
968	9.238 292		9.244 898		0.755 102	9.993 394		032	
		44		45			1		
969	9.238 336		9.244 943		0.755 057	9.993 393		031	
		43		44			2		
.970	9.238 379		9.244 987		0.755 013	9.993 391		**.030**	
		43		45			1		
971	9.238 422		9.245 032		0.754 968	9.993 390		029	
		43		44			1		
972	9.238 465		9.245 076		0.754 924	9.993 389		028	
		43		44			2		
973	9.238 508		9.245 120		0.754 880	9.993 387		027	
		43		45			1		
974	9.238 551		9.245 165		0.754 835	9.993 386		026	
		43		44			1		
975	9.238 594		9.245 209		0.754 791	9.993 385		025	
		43		45			2		
976	9.238 637		9.245 254		0.754 746	9.993 383		024	
		43		44			1		
977	9.238 680		9.245 298		0.754 702	9.993 382		023	
		43		45			1		
978	9.238 723		9.245 343		0.754 657	9.993 381		022	
		44		44			2		
979	9.238 767		9.245 387		0.754 613	9.993 379		021	
		43		44			1		
.980	9.238 810		9.245 431		0.754 569	9.993 378		**.020**	
		43		45			1		
981	9.238 853		9.245 476		0.754 524	9.993 377		019	
		43		44			2		
982	9.238 896		9.245 520		0.754 480	9.993 375		018	
		43		45			1		
983	9.238 939		9.245 565		0.754 435	9.993 374		017	
		43		44			1		
984	9.238 982		9.245 609		0.754 391	9.993 373		016	
		43		44			2		
985	9.239 025		9.245 653		0.754 347	9.993 371		015	
		43		45			1		
986	9.239 068		9.245 698		0.754 302	9.993 370		014	
		43		44			1		
987	9.239 111		9.245 742		0.754 258	9.993 369		013	
		43		45			2		
988	9.239 154		9.245 787		0.754 213	9.993 367		012	
		43		44			1		
989	9.239 197		9.245 831		0.754 169	9.993 366		011	
		43		44			1		
.990	9.239 240		9.245 875		0.754 125	9.993 365		**.010**	
		43		45			2		
991	9.239 283		9.245 920		0.754 080	9.993 363		009	
		43		44			1		
992	9.239 326		9.245 964		0.754 036	9.993 362		008	
		43		44			1		
993	9.239 369		9.246 008		0.753 992	9.993 361		007	
		43		45			2		
994	9.239 412		9.246 053		0.753 947	9.993 359		006	
		43		44			1		
995	9.239 455		9.246 097		0.753 903	9.993 358		005	
		43		44			1		
996	9.239 498		9.246 141		0.753 859	9.993 357		004	
		43		45			2		
997	9.239 541		9.246 186		0.753 814	9.993 355		003	
		43		44			1		
998	9.239 584		9.246 230		0.753 770	9.993 354		002	
		43		44			1		
999	9.239 627		9.246 274		0.753 726	9.993 353		001	
		43		45			2		
***000**	9.239 670		9.246 319		0.753 681	9.993 351		**.000**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

80°.050 — 80°.000

10°.000 — 10°.050

10°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.239 670		9.246 319		0.753 681	9.993 351		*000	
		43		44			1		
001	9.239 713		9.246 363		0.753 637	9.993 350		999	
002	9.239 756	43	9.246 407	44	0.753 593	9.993 349	1	998	
003	9.239 799	43	9.246 452	45	0.753 548	9.993 347	2	997	
		43		44			1		45
004	9.239 842		9.246 496		0.753 504	9.993 346		996	1 4.5
005	9.239 885	43	9.246 540	44	0.753 460	9.993 345	1	995	2 9.0
006	9.239 928	43	9.246 585	45	0.753 415	9.993 343	2	994	3 13.5
		43		44			1		4 18.0
007	9.239 971		9.246 629		0.753 371	9.993 342		993	5 22.5
008	9.240 014	43	9.246 673	44	0.753 327	9.993 341	1	992	6 27.0
009	9.240 057	43	9.246 718	45	0.753 282	9.993 339	2	991	7 31.5
		43		44			1		8 36.0
.010	9.240 100		9.246 762		0.753 238	9.993 338		.990	9 40.5
		43		44			1		
011	9.240 143		9.246 806		0.753 194	9.993 337		989	
012	9.240 186	43	9.246 850	44	0.753 150	9.993 335	2	988	
013	9.240 229	43	9.246 895	45	0.753 105	9.993 334	1	987	
		43		44			1		
014	9.240 272		9.246 939		0.753 061	9.993 333		986	
015	9.240 315	43	9.246 983	44	0.753 017	9.993 331	2	985	
016	9.240 357	42	9.247 027	44	0.752 973	9.993 330	1	984	44
		43		45			1		
017	9.240 400		9.247 072		0.752 928	9.993 329		983	1 4.4
018	9.240 443	43	9.247 116	44	0.752 884	9.993 327	2	982	2 8.8
019	9.240 486	43	9.247 160	44	0.752 840	9.993 326	1	981	3 13.2
		43		44			1		4 17.6
.020	9.240 529		9.247 204		0.752 796	9.993 325		.980	5 22.0
		43		45			2		6 26.4
021	9.240 572		9.247 249		0.752 751	9.993 323		979	7 30.8
022	9.240 615	43	9.247 293	44	0.752 707	9.993 322	1	978	8 35.2
023	9.240 658	43	9.247 337	44	0.752 663	9.993 321	1	977	9 39.6
		43		44			2		
024	9.240 701		9.247 381		0.752 619	9.993 319		976	
025	9.240 744	43	9.247 426	45	0.752 574	9.993 318	1	975	
026	9.240 786	42	9.247 470	44	0.752 530	9.993 317	1	974	
		43		44			2		
027	9.240 829		9.247 514		0.752 486	9.993 315		973	43
028	9.240 872	43	9.247 558	44	0.752 442	9.993 314	1	972	
029	9.240 915	43	9.247 602	44	0.752 398	9.993 313	1	971	1 4.3
		43		45			2		2 8.6
.030	9.240 958		9.247 647		0.752 353	9.993 311		.970	3 12.9
		43		44			1		4 17.2
031	9.241 001		9.247 691		0.752 309	9.993 310		969	5 21.5
032	9.241 044	43	9.247 735	44	0.752 265	9.993 309	1	968	6 25.8
033	9.241 086	42	9.247 779	44	0.752 221	9.993 307	2	967	7 30.1
		43		44			1		8 34.4
034	9.241 129		9.247 823		0.752 177	9.993 306		966	9 38.7
035	9.241 172	43	9.247 868	45	0.752 132	9.993 305	1	965	
036	9.241 215	43	9.247 912	44	0.752 088	9.993 303	2	964	
		43		44			1		
037	9.241 258		9.247 956		0.752 044	9.993 302		963	
038	9.241 301	43	9.248 000	44	0.752 000	9.993 301	1	962	
039	9.241 343	42	9.248 044	44	0.751 956	9.993 299	2	961	42
		43		44			1		
.040	9.241 386		9.248 088		0.751 912	9.993 298		.960	1 4.2
		43		44			1		2 8.4
041	9.241 429		9.248 132		0.751 868	9.993 297		959	3 12.6
042	9.241 472	43	9.248 177	45	0.751 823	9.993 295	2	958	4 16.8
043	9.241 515	43	9.248 221	44	0.751 779	9.993 294	1	957	5 21.0
		42		44			1		6 25.2
044	9.241 557		9.248 265		0.751 735	9.993 293		956	7 29.4
045	9.241 600	43	9.248 309	44	0.751 691	9.993 291	2	955	8 33.6
046	9.241 643	43	9.248 353	44	0.751 647	9.993 290	1	954	9 37.8
		43		44			2		
047	9.241 686		9.248 397		0.751 603	9.993 288		953	
048	9.241 729	43	9.248 441	44	0.751 559	9.993 287	1	952	
049	9.241 771	42	9.248 486	45	0.751 514	9.993 286	1	951	
		43		44			2		
.050	9.241 814		9.248 530		0.751 470	9.993 284		.950	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

80°.000 — 79°.950

$10^\circ.050 - 10^\circ.100$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.241 814		9.248 530		0.751 470	9.993 284		**.950**	
		43		44			1		
051	9.241 857		9.248 574		0.751 426	9.993 283		949	
052	9.241 900	43	9.248 618	44	0.751 382	9.993 282	1	948	
053	9.241 942	42	9.248 662	44	0.751 338	9.993 280	2	947	
		43		44			1		45
054	9.241 985		9.248 706		0.751 294	9.993 279		946	1 4.5
055	9.242 028	43	9.248 750	44	0.751 250	9.993 278	1	945	2 9.0
056	9.242 071	43	9.248 794	44	0.751 206	9.993 276	2	944	3 13.5
		42		44			1		4 18.0
057	9.242 113		9.248 838		0.751 162	9.993 275		943	5 22.5
058	9.242 156	43	9.248 882	44	0.751 118	9.993 274	1	942	6 27.0
059	9.242 199	43	9.248 927	45	0.751 073	9.993 272	2	941	7 31.5
		43		44			1		8 36.0
.060	9.242 242		9.248 971		0.751 029	9.993 271		**.940**	9 40.5
		42		44			1		
061	9.242 284		9.249 015		0.750 985	9.993 270		939	
062	9.242 327	43	9.249 059	44	0.750 941	9.993 268	2	938	
063	9.242 370	43	9.249 103	44	0.750 897	9.993 267	1	937	
		42		44			1		
064	9.242 412		9.249 147		0.750 853	9.993 266		936	
065	9.242 455	43	9.249 191	44	0.750 809	9.993 264	2	935	
066	9.242 498	43	9.249 235	44	0.750 765	9.993 263	1	934	44
		43		44			1		1 4.4
067	9.242 541		9.249 279		0.750 721	9.993 262		933	2 8.8
068	9.242 583	42	9.249 323	44	0.750 677	9.993 260	2	932	3 13.2
069	9.242 626	43	9.249 367	44	0.750 633	9.993 259	1	931	4 17.6
		43		44			1		5 22.0
.070	9.242 669		9.249 411		0.750 589	9.993 258		**.930**	6 26.4
		42		44			2		7 30.8
071	9.242 711		9.249 455		0.750 545	9.993 256		929	8 35.2
072	9.242 754	43	9.249 499	44	0.750 501	9.993 255	1	928	9 39.6
073	9.242 797	43	9.249 543	44	0.750 457	9.993 254	1	927	
		42		44			2		
074	9.242 839		9.249 587		0.750 413	9.993 252		926	
075	9.242 882	43	9.249 631	44	0.750 369	9.993 251	1	925	
076	9.242 925	43	9.249 675	44	0.750 325	9.993 249	2	924	
		42		44			1		43
077	9.242 967		9.249 719		0.750 281	9.993 248		923	1 4.3
078	9.243 010	43	9.249 763	44	0.750 237	9.993 247	1	922	2 8.6
079	9.243 053	43	9.249 807	44	0.750 193	9.993 245	2	921	3 12.9
		42		44			1		4 17.2
.080	9.243 095		9.249 851		0.750 149	9.993 244		**.920**	5 21.5
		43		44			1		6 25.8
081	9.243 138		9.249 895		0.750 105	9.993 243		919	7 30.1
082	9.243 181	43	9.249 939	44	0.750 061	9.993 241	2	918	8 34.4
083	9.243 223	42	9.249 983	44	0.750 017	9.993 240	1	917	9 38.7
		43		44			1		
084	9.243 266		9.250 027		0.749 973	9.993 239		916	
085	9.243 308	42	9.250 071	44	0.749 929	9.993 237	2	915	
086	9.243 351	43	9.250 115	44	0.749 885	9.993 236	1	914	
		43		44			1		42
087	9.243 394		9.250 159		0.749 841	9.993 235		913	1 4.2
088	9.243 436	42	9.250 203	44	0.749 797	9.993 233	2	912	2 8.4
089	9.243 479	43	9.250 247	44	0.749 753	9.993 232	1	911	3 12.6
		42		44			1		4 16.8
.090	9.243 521		9.250 291		0.749 709	9.993 231		**.910**	5 21.0
		43		44			2		6 25.2
091	9.243 564		9.250 335		0.749 665	9.993 229		909	7 29.4
092	9.243 607	43	9.250 379	44	0.749 621	9.993 228	1	908	8 33.6
093	9.243 649	42	9.250 423	44	0.749 577	9.993 227	1	907	9 37.8
		43		44			2		
094	9.243 692		9.250 467		0.749 533	9.993 225		906	
095	9.243 734	42	9.250 511	44	0.749 489	9.993 224	1	905	
096	9.243 777	43	9.250 554	43	0.749 446	9.993 223	1	904	
		43		44			2		
097	9.243 820		9.250 598		0.749 402	9.993 221		903	
098	9.243 862	42	9.250 642	44	0.749 358	9.993 220	1	902	
099	9.243 905	43	9.250 686	44	0.749 314	9.993 218	2	901	
		42		44			1		
.100	9.243 947		9.250 730		0.749 270	9.993 217		**.900**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^\circ.950 - 79^\circ.900$

$10^\circ.100 - 10^\circ.150$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.243 947		9.250 730		0.749 270	9.993 217		**.900**	
		43		44			1		
101	9.243 990		9.250 774		0.749 226	9.993 216		899	
		42		44			2		
102	9.244 032		9.250 818		0.749 182	9.993 214		898	
		43		44			1		
103	9.244 075		9.250 862		0.749 138	9.993 213		897	
		42		44			1		
104	9.244 117		9.250 906		0.749 094	9.993 212		896	
		43		44			2		
105	9.244 160		9.250 950		0.749 050	9.993 210		895	
		42		43			1		
106	9.244 202		9.250 993		0.749 007	9.993 209		894	
		43		44			1		
107	9.244 245		9.251 037		0.748 963	9.993 208		893	
		42		44			2		
108	9.244 287		9.251 081		0.748 919	9.993 206		892	
		43		44			1		
109	9.244 330		9.251 125		0.748 875	9.993 205		891	
		43		44			1		
.110	9.244 373		9.251 169		0.748 831	9.993 204		**.890**	
		42		44			2		
111	9.244 415		9.251 213		0.748 787	9.993 202		889	
		43		44			1		
112	9.244 458		9.251 257		0.748 743	9.993 201		888	
		42		43			1		
113	9.244 500		9.251 300		0.748 700	9.993 200		887	
		43		44			2		
114	9.244 543		9.251 344		0.748 656	9.993 198		886	
		42		44			1		
115	9.244 585		9.251 388		0.748 612	9.993 197		885	
		42		44			1		
116	9.244 627		9.251 432		0.748 568	9.993 196		884	
		43		44			2		
117	9.244 670		9.251 476		0.748 524	9.993 194		883	
		42		44			1		
118	9.244 712		9.251 520		0.748 480	9.993 193		882	
		43		43			2		
119	9.244 755		9.251 563		0.748 437	9.993 191		881	
		42		44			1		
.120	9.244 797		9.251 607		0.748 393	9.993 190		**.880**	
		43		44			1		
121	9.244 840		9.251 651		0.748 349	9.993 189		879	
		42		44			2		
122	9.244 882		9.251 695		0.748 305	9.993 187		878	
		43		44			1		
123	9.244 925		9.251 739		0.748 261	9.993 186		877	
		42		44			1		
124	9.244 967		9.251 783		0.748 217	9.993 185		876	
		43		43			2		
125	9.245 010		9.251 826		0.748 174	9.993 183		875	
		42		44			1		
126	9.245 052		9.251 870		0.748 130	9.993 182		874	
		43		44			1		
127	9.245 095		9.251 914		0.748 086	9.993 181		873	
		42		44			2		
128	9.245 137		9.251 958		0.748 042	9.993 179		872	
		42		44			1		
129	9.245 179		9.252 002		0.747 998	9.993 178		871	
		43		43			1		
.130	9.245 222		9.252 045		0.747 955	9.993 177		**.870**	
		42		44			2		
131	9.245 264		9.252 089		0.747 911	9.993 175		869	
		43		44			1		
132	9.245 307		9.252 133		0.747 867	9.993 174		868	
		42		44			2		
133	9.245 349		9.252 177		0.747 823	9.993 172		867	
		43		43			1		
134	9.245 392		9.252 220		0.747 780	9.993 171		866	
		42		44			1		
135	9.245 434		9.252 264		0.747 736	9.993 170		865	
		42		44			2		
136	9.245 476		9.252 308		0.747 692	9.993 168		864	
		43		44			1		
137	9.245 519		9.252 352		0.747 648	9.993 167		863	
		42		43			1		
138	9.245 561		9.252 395		0.747 605	9.993 166		862	
		43		44			2		
139	9.245 604		9.252 439		0.747 561	9.993 164		861	
		42		44			1		
.140	9.245 646		9.252 483		0.747 517	9.993 163		**.860**	
		42		44			1		
141	9.245 688		9.252 527		0.747 473	9.993 162		859	
		43		43			2		
142	9.245 731		9.252 570		0.747 430	9.993 160		858	
		42		44			1		
143	9.245 773		9.252 614		0.747 386	9.993 159		857	
		42		44			1		
144	9.245 815		9.252 658		0.747 342	9.993 158		856	
		43		44			2		
145	9.245 858		9.252 702		0.747 298	9.993 156		855	
		42		43			1		
146	9.245 900		9.252 745		0.747 255	9.993 155		854	
		42		44			1		
147	9.245 942		9.252 789		0.747 211	9.993 154		853	
		43		44			2		
148	9.245 985		9.252 833		0.747 167	9.993 152		852	
		42		43			1		
149	9.246 027		9.252 876		0.747 124	9.993 151		851	
		42		44			2		
.150	9.246 069		9.252 920		0.747 080	9.993 149		**.850**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

$79^\circ.900 - 79^\circ.850$

$10^\circ.150$ — $10^\circ.200$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.246 069		9.252 920		0.747 080	9.993 149		**.850**	
		43		44			1		
151	9.246 112		9.252 964		0.747 036	9.993 148		849	
152	9.246 154	42	9.253 007	43	0.746 993	9.993 147	1	848	
153	9.246 196	42	9.253 051	44	0.746 949	9.993 145	2	847	
		43		44			1		
154	9.246 239		9.253 095		0.746 905	9.993 144		846	
155	9.246 281	42	9.253 138	43	0.746 862	9.993 143	1	845	
156	9.246 323	42	9.253 182	44	0.746 818	9.993 141	2	844	
		43		44			1		
157	9.246 366		9.253 226		0.746 774	9.993 140		843	
158	9.246 408	42	9.253 269	43	0.746 731	9.993 139	1	842	
159	9.246 450	42	9.253 313	44	0.746 687	9.993 137	2	841	
		43		44			1		
.160	9.246 493		9.253 357		0.746 643	9.993 136		**.840**	
		42		43			1		
161	9.246 535		9.253 400		0.746 600	9.993 135		839	
162	9.246 577	42	9.253 444	44	0.746 556	9.993 133	2	838	
163	9.246 620	43	9.253 488	44	0.746 512	9.993 132	1	837	
		42		43			2		
164	9.246 662		9.253 531		0.746 469	9.993 130		836	
165	9.246 704	42	9.253 575	44	0.746 425	9.993 129	1	835	
166	9.246 746	42	9.253 619	44	0.746 381	9.993 128	1	834	
		43		43			2		
167	9.246 789		9.253 662		0.746 338	9.993 126		833	
168	9.246 831	42	9.253 706	44	0.746 294	9.993 125	1	832	
169	9.246 873	42	9.253 750	44	0.746 250	9.993 124	1	831	
		42		43			2		
.170	9.246 915		9.253 793		0.746 207	9.993 122		**.830**	
		43		44			1		
171	9.246 958		9.253 837		0.746 163	9.993 121		829	
172	9.247 000	42	9.253 880	43	0.746 120	9.993 120	1	828	
173	9.247 042	42	9.253 924	44	0.746 076	9.993 118	2	827	
		42		44			1		
174	9.247 084		9.253 968		0.746 032	9.993 117		826	
175	9.247 127	43	9.254 011	43	0.745 989	9.993 115	2	825	
176	9.247 169	42	9.254 055	44	0.745 945	9.993 114	1	824	
		42		43			1		
177	9.247 211		9.254 098		0.745 902	9.993 113		823	
178	9.247 253	42	9.254 142	44	0.745 858	9.993 111	2	822	
179	9.247 296	43	9.254 186	44	0.745 814	9.993 110	1	821	
		42		43			1		
.180	9.247 338		9.254 229		0.745 771	9.993 109		**.820**	
		42		44			2		
181	9.247 380		9.254 273		0.745 727	9.993 107		819	
182	9.247 422	42	9.254 316	43	0.745 684	9.993 106	1	818	
183	9.247 464	42	9.254 360	44	0.745 640	9.993 105	1	817	
		43		43			2		
184	9.247 507		9.254 403		0.745 597	9.993 103		816	
185	9.247 549	42	9.254 447	44	0.745 553	9.993 102	1	815	
186	9.247 591	42	9.254 490	43	0.745 510	9.993 101	1	814	
		42		44			2		
187	9.247 633		9.254 534		0.745 466	9.993 099		813	
188	9.247 675	42	9.254 578	44	0.745 422	9.993 098	1	812	
189	9.247 717	42	9.254 621	43	0.745 379	9.993 096	2	811	
		43		44			1		
.190	9.247 760		9.254 665		0.745 335	9.993 095		**.810**	
		42		43			1		
191	9.247 802		9.254 708		0.745 292	9.993 094		809	
192	9.247 844	42	9.254 752	44	0.745 248	9.993 092	2	808	
193	9.247 886	42	9.254 795	43	0.745 205	9.993 091	1	807	
		42		44			1		
194	9.247 928		9.254 839		0.745 161	9.993 090		806	
195	9.247 970	42	9.254 882	43	0.745 118	9.993 088	2	805	
196	9.248 013	43	9.254 926	44	0.745 074	9.993 087	1	804	
		42		43			1		
197	9.248 055		9.254 969		0.745 031	9.993 086		803	
198	9.248 097	42	9.255 013	44	0.744 987	9.993 084	2	802	
199	9.248 139	42	9.255 056	43	0.744 944	9.993 083	1	801	
		42		44			2		
.200	9.248 181		9.255 100		0.744 900	9.993 081		**.800**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

$79^\circ.850$ — $79^\circ.800$

$10^\circ.200$ — $10^\circ.250$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.248 181		9.255 100		0.744 900	9.993 081		**.800**	
		42		43			1		
201	9.248 223		9.255 143		0.744 857	9.993 080		799	
202	9.248 265	42	9.255 187	44	0.744 813	9.993 079	1	798	
203	9.248 308	43	9.255 230	43	0.744 770	9.993 077	2	797	
		42		44			1		44
204	9.248 350		9.255 274		0.744 726	9.993 076		796	1 4.4
205	9.248 392	42	9.255 317	43	0.744 683	9.993 075	1	795	2 8.8
206	9.248 434	42	9.255 361	44	0.744 639	9.993 073	2	794	3 13.2
		42		43			1		4 17.6
207	9.248 476		9.255 404		0.744 596	9.993 072		793	5 22.0
208	9.248 518	42	9.255 448	44	0.744 552	9.993 071	1	792	6 26.4
209	9.248 560	42	9.255 491	43	0.744 509	9.993 069	2	791	7 30.8
		42		43			1		8 35.2
.210	9.248 602		9.255 534		0.744 466	9.993 068		**.790**	9 39.6
		42		44			2		
211	9.248 644		9.255 578		0.744 422	9.993 066		789	
212	9.248 686	42	9.255 621	43	0.744 379	9.993 065	1	788	
213	9.248 728	42	9.255 665	44	0.744 335	9.993 064	1	787	
		43		43			2		
214	9.248 771		9.255 708		0.744 292	9.993 062		786	
215	9.248 813	42	9.255 752	44	0.744 248	9.993 061	1	785	
216	9.248 855	42	9.255 795	43	0.744 205	9.993 060	1	784	43
		42		43			2		1 4.3
217	9.248 897		9.255 838		0.744 162	9.993 058		783	2 8.6
218	9.248 939	42	9.255 882	44	0.744 118	9.993 057	1	782	3 12.9
219	9.248 981	42	9.255 925	43	0.744 075	9.993 055	2	781	4 17.2
		42		44			1		5 21.5
.220	9.249 023		9.255 969		0.744 031	9.993 054		**.780**	6 25.8
		42		43			1		7 30.1
221	9.249 065		9.256 012		0.743 988	9.993 053		779	8 34.4
222	9.249 107	42	9.256 056	44	0.743 944	9.993 051	2	778	9 38.7
223	9.249 149	42	9.256 099	43	0.743 901	9.993 050	1	777	
		42		43			1		
224	9.249 191		9.256 142		0.743 858	9.993 049		776	
225	9.249 233	42	9.256 186	44	0.743 814	9.993 047	2	775	
226	9.249 275	42	9.256 229	43	0.743 771	9.993 046	1	774	
		42		43			1		42
227	9.249 317		9.256 272		0.743 728	9.993 045		773	1 4.2
228	9.249 359	42	9.256 316	44	0.743 684	9.993 043	2	772	2 8.4
229	9.249 401	42	9.256 359	43	0.743 641	9.993 042	1	771	3 12.6
		42		44			2		4 16.8
.230	9.249 443		9.256 403		0.743 597	9.993 040		**.770**	5 21.0
		42		43			1		6 25.2
231	9.249 485		9.256 446		0.743 554	9.993 039		769	7 29.4
232	9.249 527	42	9.256 489	43	0.743 511	9.993 038	1	768	8 33.6
233	9.249 569	42	9.256 533	44	0.743 467	9.993 036	2	767	9 37.8
		42		43			1		
234	9.249 611		9.256 576		0.743 424	9.993 035		766	
235	9.249 653	42	9.256 619	43	0.743 381	9.993 034	1	765	
236	9.249 695	42	9.256 663	44	0.743 337	9.993 032	2	764	
		42		43			1		41
237	9.249 737		9.256 706		0.743 294	9.993 031		763	1 4.1
238	9.249 779	42	9.256 749	43	0.743 251	9.993 029	2	762	2 8.2
239	9.249 821	42	9.256 793	44	0.743 207	9.993 028	1	761	3 12.3
		42		43			1		4 16.4
.240	9.249 863		9.256 836		0.743 164	9.993 027		**.760**	5 20.5
		42		43			2		6 24.6
241	9.249 905		9.256 879		0.743 121	9.993 025		759	7 28.7
242	9.249 947	42	9.256 923	44	0.743 077	9.993 024	1	758	8 32.8
243	9.249 989	42	9.256 966	43	0.743 034	9.993 023	1	757	9 36.9
		42		43			2		
244	9.250 031		9.257 009		0.742 991	9.993 021		756	
245	9.250 073	42	9.257 053	44	0.742 947	9.993 020	1	755	
246	9.250 115	42	9.257 096	43	0.742 904	9.993 019	1	754	
		41		43			2		
247	9.250 156		9.257 139		0.742 861	9.993 017		753	
248	9.250 198	42	9.257 183	44	0.742 817	9.993 016	1	752	
249	9.250 240	42	9.257 226	43	0.742 774	9.993 014	2	751	
		42		43			1		
.250	9.250 282		9.257 269		0.742 731	9.993 013		**.750**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

$79^\circ.800$ — $79^\circ.750$

$10^\circ.250 - 10^\circ.300$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.250 282		9.257 269		0.742 731	9.993 013		**.750**	
		42		43			1		
251	9.250 324		9.257 312		0.742 688	9.993 012		749	
252	9.250 366	42	9.257 356	44	0.742 644	9.993 010	2	748	
253	9.250 408	42	9.257 399	43	0.742 601	9.993 009	1	747	
		42		43			1		
254	9.250 450		9.257 442		0.742 558	9.993 008		746	
255	9.250 492	42	9.257 486	44	0.742 514	9.993 006	2	745	
256	9.250 534	42	9.257 529	43	0.742 471	9.993 005	1	744	
		42		43			2		
257	9.250 576		9.257 572		0.742 428	9.993 003		743	
258	9.250 617	41	9.257 615	43	0.742 385	9.993 002	1	742	
259	9.250 659	42	9.257 659	44	0.742 341	9.993 001	1	741	
		42		43			2		
.260	9.250 701		9.257 702		0.742 298	9.992 999		**.740**	
		42		43			1		
261	9.250 743		9.257 745		0.742 255	9.992 998		739	
262	9.250 785	42	9.257 788	43	0.742 212	9.992 997	1	738	
263	9.250 827	42	9.257 832	44	0.742 168	9.992 995	2	737	
		42		43			1		
264	9.250 869		9.257 875		0.742 125	9.992 994		736	
265	9.250 911	42	9.257 918	43	0.742 082	9.992 992	2	735	
266	9.250 952	41	9.257 961	43	0.742 039	9.992 991	1	734	
		42		43			1		
267	9.250 994		9.258 004		0.741 996	9.992 990		733	
268	9.251 036	42	9.258 048	44	0.741 952	9.992 988	2	732	
269	9.251 078	42	9.258 091	43	0.741 909	9.992 987	1	731	
		42		43			1		
.270	9.251 120		9.258 134		0.741 866	9.992 986		**.730**	
		42		43			2		
271	9.251 162		9.258 177		0.741 823	9.992 984		729	
272	9.251 203	41	9.258 221	44	0.741 779	9.992 983	1	728	
273	9.251 245	42	9.258 264	43	0.741 736	9.992 981	2	727	
		42		43			1		
274	9.251 287		9.258 307		0.741 693	9.992 980		726	
275	9.251 329	42	9.258 350	43	0.741 650	9.992 979	1	725	
276	9.251 371	42	9.258 393	43	0.741 607	9.992 977	2	724	
		41		43			1		
277	9.251 412		9.258 436		0.741 564	9.992 976		723	
278	9.251 454	42	9.258 480	44	0.741 520	9.992 975	1	722	
279	9.251 496	42	9.258 523	43	0.741 477	9.992 973	2	721	
		42		43			1		
.280	9.251 538		9.258 566		0.741 434	9.992 972		**.720**	
		42		43			1		
281	9.251 580		9.258 609		0.741 391	9.992 971		719	
282	9.251 621	41	9.258 652	43	0.741 348	9.992 969	2	718	
283	9.251 663	42	9.258 695	43	0.741 305	9.992 968	1	717	
		42		44			2		
284	9.251 705		9.258 739		0.741 261	9.992 966		716	
285	9.251 747	42	9.258 782	43	0.741 218	9.992 965	1	715	
286	9.251 789	42	9.258 825	43	0.741 175	9.992 964	1	714	
		41		43			2		
287	9.251 830		9.258 868		0.741 132	9.992 962		713	
288	9.251 872	42	9.258 911	43	0.741 089	9.992 961	1	712	
289	9.251 914	42	9.258 954	43	0.741 046	9.992 960	1	711	
		42		43			2		
.290	9.251 956		9.258 997		0.741 003	9.992 958		**.710**	
		41		44			1		
291	9.251 997		9.259 041		0.740 959	9.992 957		709	
292	9.252 039	42	9.259 084	43	0.740 916	9.992 955	2	708	
293	9.252 081	42	9.259 127	43	0.740 873	9.992 954	1	707	
		42		43			1		
294	9.252 123		9.259 170		0.740 830	9.992 953		706	
295	9.252 164	41	9.259 213	43	0.740 787	9.992 951	2	705	
296	9.252 206	42	9.259 256	43	0.740 744	9.992 950	1	704	
		42		43			2		
297	9.252 248		9.259 299		0.740 701	9.992 948		703	
298	9.252 289	41	9.259 342	43	0.740 658	9.992 947	1	702	
299	9.252 331	42	9.259 385	43	0.740 615	9.992 946	1	701	
		42		44			2		
.300	9.252 373		9.259 429		0.740 571	9.992 944		**.700**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

$79^\circ.750 - 79^\circ.700$

10°.300 — 10°.350

10°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.252 373		9.259 429		0.740 571	9.992 944		**.700**	
		42		43			1		
301	9.252 415		9.259 472		0.740 528	9.992 943		699	
302	9.252 456	41	9.259 515	43	0.740 485	9.992 942	1	698	
303	9.252 498	42	9.259 558	43	0.740 442	9.992 940	2	697	
		42		43			1		
304	9.252 540		9.259 601		0.740 399	9.992 939		696	
305	9.252 581	41	9.259 644	43	0.740 356	9.992 937	2	695	
306	9.252 623	42	9.259 687	43	0.740 313	9.992 936	1	694	
		42		43			1		
307	9.252 665		9.259 730		0.740 270	9.992 935		693	
308	9.252 706	41	9.259 773	43	0.740 227	9.992 933	2	692	
309	9.252 748	42	9.259 816	43	0.740 184	9.992 932	1	691	
		42		43			1		
.310	9.252 790		9.259 859		0.740 141	9.992 931		**.690**	
		41		43			2		
311	9.252 831		9.259 902		0.740 098	9.992 929		689	
312	9.252 873	42	9.259 945	43	0.740 055	9.992 928	1	688	
313	9.252 915	42	9.259 988	43	0.740 012	9.992 926	2	687	
		41		43			1		
314	9.252 956		9.260 031		0.739 969	9.992 925		686	
315	9.252 998	42	9.260 074	43	0.739 926	9.992 924	1	685	
316	9.253 040	42	9.260 117	43	0.739 883	9.992 922	2	684	
		41		43			1		
317	9.253 081		9.260 160		0.739 840	9.992 921		683	
318	9.253 123	42	9.260 203	43	0.739 797	9.992 920	1	682	
319	9.253 165	42	9.260 246	43	0.739 754	9.992 918	2	681	
		41		43			1		
.320	9.253 206		9.260 289		0.739 711	9.992 917		**.680**	
		42		43			2		
321	9.253 248		9.260 332		0.739 668	9.992 915		679	
322	9.253 289	41	9.260 375	43	0.739 625	9.992 914	1	678	
323	9.253 331	42	9.260 418	43	0.739 582	9.992 913	1	677	
		42		43			2		
324	9.253 373		9.260 461		0.739 539	9.992 911		676	
325	9.253 414	41	9.260 504	43	0.739 496	9.992 910	1	675	
326	9.253 456	42	9.260 547	43	0.739 453	9.992 908	2	674	
		42		43			1		
327	9.253 498		9.260 590		0.739 410	9.992 907		673	
328	9.253 539	41	9.260 633	43	0.739 367	9.992 906	1	672	
329	9.253 581	42	9.260 676	43	0.739 324	9.992 904	2	671	
		41		43			1		
.330	9.253 622		9.260 719		0.739 281	9.992 903		**.670**	
		42		43			1		
331	9.253 664		9.260 762		0.739 238	9.992 902		669	
332	9.253 705	41	9.260 805	43	0.739 195	9.992 900	2	668	
333	9.253 747	42	9.260 848	43	0.739 152	9.992 899	1	667	
		42		43			2		
334	9.253 789		9.260 891		0.739 109	9.992 897		666	
335	9.253 830	41	9.260 934	43	0.739 066	9.992 896	1	665	
336	9.253 872	42	9.260 977	43	0.739 023	9.992 895	1	664	
		41		43			2		
337	9.253 913		9.261 020		0.738 980	9.992 893		663	
338	9.253 955	42	9.261 063	43	0.738 937	9.992 892	1	662	
339	9.253 996	41	9.261 106	43	0.738 894	9.992 891	1	661	
		42		43			2		
.340	9.254 038		9.261 149		0.738 851	9.992 889		**.660**	
		42		43			1		
341	9.254 080		9.261 192		0.738 808	9.992 888		659	
342	9.254 121	41	9.261 235	43	0.738 765	9.992 886	2	658	
343	9.254 163	42	9.261 278	43	0.738 722	9.992 885	1	657	
		41		42			1		
344	9.254 204		9.261 320		0.738 680	9.992 884		656	
345	9.254 246	42	9.261 363	43	0.738 637	9.992 882	2	655	
346	9.254 287	41	9.261 406	43	0.738 594	9.992 881	1	654	
		42		43			2		
347	9.254 329		9.261 449		0.738 551	9.992 879		653	
348	9.254 370	41	9.261 492	43	0.738 508	9.992 878	1	652	
349	9.254 412	42	9.261 535	43	0.738 465	9.992 877	1	651	
		41		43			2		
.350	9.254 453		9.261 578		0.738 422	9.992 875		**.650**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

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1	4.3
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3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

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2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

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1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

79°.700 — 79°.650

10°.350 — 10°.400

10°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.254 453		9.261 578		0.738 422	9.992 875		**.650**	
		42		43			1		
351	9.254 495		9.261 621		0.738 379	9.992 874		649	
		41		43			1		
352	9.254 536		9.261 664		0.738 336	9.992 873		648	
		42		43			2		
353	9.254 578		9.261 707		0.738 293	9.992 871		647	
		41		42			1		
354	9.254 619		9.261 749		0.738 251	9.992 870		646	
		42		43			2		
355	9.254 661		9.261 792		0.738 208	9.992 868		645	
		41		43			1		
356	9.254 702		9.261 835		0.738 165	9.992 867		644	
		42		43			1		
357	9.254 744		9.261 878		0.738 122	9.992 866		643	
		41		43			2		
358	9.254 785		9.261 921		0.738 079	9.992 864		642	
		42		43			1		
359	9.254 827		9.261 964		0.738 036	9.992 863		641	
		41		43			2		
.360	9.254 868		9.262 007		0.737 993	9.992 861		**.640**	
		41		42			1		
361	9.254 909		9.262 049		0.737 951	9.992 860		639	
		42		43			1		
362	9.254 951		9.262 092		0.737 908	9.992 859		638	
		41		43			2		
363	9.254 992		9.262 135		0.737 865	9.992 857		637	
		42		43			1		
364	9.255 034		9.262 178		0.737 822	9.992 856		636	
		41		43			1		
365	9.255 075		9.262 221		0.737 779	9.992 855		635	
		42		43			2		
366	9.255 117		9.262 264		0.737 736	9.992 853		634	
		41		42			1		
367	9.255 158		9.262 306		0.737 694	9.992 852		633	
		42		43			2		
368	9.255 200		9.262 349		0.737 651	9.992 850		632	
		41		43			1		
369	9.255 241		9.262 392		0.737 608	9.992 849		631	
		41		43			1		
.370	9.255 282		9.262 435		0.737 565	9.992 848		**.630**	
		42		43			2		
371	9.255 324		9.262 478		0.737 522	9.992 846		629	
		41		42			1		
372	9.255 365		9.262 520		0.737 480	9.992 845		628	
		42		43			2		
373	9.255 407		9.262 563		0.737 437	9.992 843		627	
		41		43			1		
374	9.255 448		9.262 606		0.737 394	9.992 842		626	
		42		43			1		
375	9.255 490		9.262 649		0.737 351	9.992 841		625	
		41		43			2		
376	9.255 531		9.262 692		0.737 308	9.992 839		624	
		41		42			1		
377	9.255 572		9.262 734		0.737 266	9.992 838		623	
		42		43			2		
378	9.255 614		9.262 777		0.737 223	9.992 836		622	
		41		43			1		
379	9.255 655		9.262 820		0.737 180	9.992 835		621	
		41		43			1		
.380	9.255 696		9.262 863		0.737 137	9.992 834		**.620**	
		42		43			2		
381	9.255 738		9.262 906		0.737 094	9.992 832		619	
		41		42			1		
382	9.255 779		9.262 948		0.737 052	9.992 831		618	
		42		43			1		
383	9.255 821		9.262 991		0.737 009	9.992 830		617	
		41		43			2		
384	9.255 862		9.263 034		0.736 966	9.992 828		616	
		41		43			1		
385	9.255 903		9.263 077		0.736 923	9.992 827		615	
		42		42			2		
386	9.255 945		9.263 119		0.736 881	9.992 825		614	
		41		43			1		
387	9.255 986		9.263 162		0.736 838	9.992 824		613	
		41		43			1		
388	9.256 027		9.263 205		0.736 795	9.992 823		612	
		42		43			2		
389	9.256 069		9.263 248		0.736 752	9.992 821		611	
		41		42			1		
.390	9.256 110		9.263 290		0.736 710	9.992 820		**.610**	
		41		43			2		
391	9.256 151		9.263 333		0.736 667	9.992 818		609	
		42		43			1		
392	9.256 193		9.263 376		0.736 624	9.992 817		608	
		41		42			1		
393	9.256 234		9.263 418		0.736 582	9.992 816		607	
		41		43			2		
394	9.256 275		9.263 461		0.736 539	9.992 814		606	
		42		43			1		
395	9.256 317		9.263 504		0.736 496	9.992 813		605	
		41		43			2		
396	9.256 358		9.263 547		0.736 453	9.992 811		604	
		41		42			1		
397	9.256 399		9.263 589		0.736 411	9.992 810		603	
		42		43			1		
398	9.256 441		9.263 632		0.736 368	9.992 809		602	
		41		43			2		
399	9.256 482		9.263 675		0.736 325	9.992 807		601	
		41		42			1		
.400	9.256 523		9.263 717		0.736 283	9.992 806		**.600**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

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1	4.3
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7	29.4
8	33.6
9	37.8

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3	12.3
4	16.4
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6	24.6
7	28.7
8	32.8
9	36.9

79°.650 — 79°.600

$10^\circ.400 - 10^\circ.450$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.256 523		9.263 717		0.736 283	9.992 806		**.600**	
		42		43			1		
401	9.256 565		9.263 760		0.736 240	9.992 805		599	
402	9.256 606	41	9.263 803	43	0.736 197	9.992 803	2	598	
403	9.256 647	41	9.263 845	42	0.736 155	9.992 802	1	597	
		41		43			2		
404	9.256 688		9.263 888		0.736 112	9.992 800		596	
405	9.256 730	42	9.263 931	43	0.736 069	9.992 799	1	595	
406	9.256 771	41	9.263 973	42	0.736 027	9.992 798	1	594	
		41		43			2		
407	9.256 812		9.264 016		0.735 984	9.992 796		593	
408	9.256 854	42	9.264 059	43	0.735 941	9.992 795	1	592	
409	9.256 895	41	9.264 101	42	0.735 899	9.992 793	2	591	
		41		43			1		
.410	9.256 936		9.264 144		0.735 856	9.992 792		**.590**	
		41		43			1		
411	9.256 977		9.264 187		0.735 813	9.992 791		589	
412	9.257 019	42	9.264 229	42	0.735 771	9.992 789	2	588	
413	9.257 060	41	9.264 272	43	0.735 728	9.992 788	1	587	
		41		43			2		
414	9.257 101		9.264 315		0.735 685	9.992 786		586	
415	9.257 142	41	9.264 357	42	0.735 643	9.992 785	1	585	
416	9.257 184	42	9.264 400	43	0.735 600	9.992 784	1	584	
		41		43			2		
417	9.257 225		9.264 443		0.735 557	9.992 782		583	
418	9.257 266	41	9.264 485	42	0.735 515	9.992 781	1	582	
419	9.257 307	41	9.264 528	43	0.735 472	9.992 779	2	581	
		41		42			1		
.420	9.257 348		9.264 570		0.735 430	9.992 778		**.580**	
		42		43			1		
421	9.257 390		9.264 613		0.735 387	9.992 777		579	
422	9.257 431	41	9.264 656	43	0.735 344	9.992 775	2	578	
423	9.257 472	41	9.264 698	42	0.735 302	9.992 774	1	577	
		41		43			2		
424	9.257 513		9.264 741		0.735 259	9.992 772		576	
425	9.257 554	41	9.264 783	42	0.735 217	9.992 771	1	575	
426	9.257 596	42	9.264 826	43	0.735 174	9.992 770	1	574	
		41		43			2		
427	9.257 637		9.264 869		0.735 131	9.992 768		573	
428	9.257 678	41	9.264 911	42	0.735 089	9.992 767	1	572	
429	9.257 719	41	9.264 954	43	0.735 046	9.992 766	1	571	
		41		42			2		
.430	9.257 760		9.264 996		0.735 004	9.992 764		**.570**	
		42		43			1		
431	9.257 802		9.265 039		0.734 961	9.992 763		569	
432	9.257 843	41	9.265 081	42	0.734 919	9.992 761	2	568	
433	9.257 884	41	9.265 124	43	0.734 876	9.992 760	1	567	
		41		43			1		
434	9.257 925		9.265 167		0.734 833	9.992 759		566	
435	9.257 966	41	9.265 209	42	0.734 791	9.992 757	2	565	
436	9.258 007	41	9.265 252	43	0.734 748	9.992 756	1	564	
		42		42			2		
437	9.258 049		9.265 294		0.734 706	9.992 754		563	
438	9.258 090	41	9.265 337	43	0.734 663	9.992 753	1	562	
439	9.258 131	41	9.265 379	42	0.734 621	9.992 752	1	561	
		41		43			2		
.440	9.258 172		9.265 422		0.734 578	9.992 750		**.560**	
		41		42			1		
441	9.258 213		9.265 464		0.734 536	9.992 749		559	
442	9.258 254	41	9.265 507	43	0.734 493	9.992 747	2	558	
443	9.258 295	41	9.265 549	42	0.734 451	9.992 746	1	557	
		42		43			1		
444	9.258 337		9.265 592		0.734 408	9.992 745		556	
445	9.258 378	41	9.265 634	42	0.734 366	9.992 743	2	555	
446	9.258 419	41	9.265 677	43	0.734 323	9.992 742	1	554	
		41		42			2		
447	9.258 460		9.265 719		0.734 281	9.992 740		553	
448	9.258 501	41	9.265 762	43	0.734 238	9.992 739	1	552	
449	9.258 542	41	9.265 804	42	0.734 196	9.992 738	1	551	
		41		43			2		
.450	9.258 583		9.265 847		0.734 153	9.992 736		**.550**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

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3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
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9	37.8

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1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

$79^\circ.600 - 79^\circ.550$

$10^\circ.450 - 10^\circ.500$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.258 583		9.265 847		0.734 153	9.992 736		**.550**	
		41		42			1		
451	9.258 624		9.265 889		0.734 111	9.992 735		549	
		41		43			2		
452	9.258 665		9.265 932		0.734 068	9.992 733		548	
		41		42			1		
453	9.258 706		9.265 974		0.734 026	9.992 732		547	
		42		43			1		
454	9.258 748		9.266 017		0.733 983	9.992 731		546	
		41		42			2		
455	9.258 789		9.266 059		0.733 941	9.992 729		545	
		41		43			1		
456	9.258 830		9.266 102		0.733 898	9.992 728		544	
		41		42			2		
457	9.258 871		9.266 144		0.733 856	9.992 726		543	
		41		43			1		
458	9.258 912		9.266 187		0.733 813	9.992 725		542	
		41		42			1		
459	9.258 953		9.266 229		0.733 771	9.992 724		541	
		41		43			2		
.460	9.258 994		9.266 272		0.733 728	9.992 722		**.540**	
		41		42			1		
461	9.259 035		9.266 314		0.733 686	9.992 721		539	
		41		43			2		
462	9.259 076		9.266 357		0.733 643	9.992 719		538	
		41		42			1		
463	9.259 117		9.266 399		0.733 601	9.992 718		537	
		41		43			1		
464	9.259 158		9.266 442		0.733 558	9.992 717		536	
		41		42			2		
465	9.259 199		9.266 484		0.733 516	9.992 715		535	
		41		42			1		
466	9.259 240		9.266 526		0.733 474	9.992 714		534	
		41		43			2		
467	9.259 281		9.266 569		0.733 431	9.992 712		533	
		41		42			1		
468	9.259 322		9.266 611		0.733 389	9.992 711		532	
		41		43			1		
469	9.259 363		9.266 654		0.733 346	9.992 710		531	
		41		42			2		
.470	9.259 404		9.266 696		0.733 304	9.992 708		**.530**	
		41		43			1		
471	9.259 445		9.266 739		0.733 261	9.992 707		529	
		41		42			2		
472	9.259 486		9.266 781		0.733 219	9.992 705		528	
		41		42			1		
473	9.259 527		9.266 823		0.733 177	9.992 704		527	
		41		43			1		
474	9.259 568		9.266 866		0.733 134	9.992 703		526	
		41		42			2		
475	9.259 609		9.266 908		0.733 092	9.992 701		525	
		41		43			1		
476	9.259 650		9.266 951		0.733 049	9.992 700		524	
		41		42			2		
477	9.259 691		9.266 993		0.733 007	9.992 698		523	
		41		42			1		
478	9.259 732		9.267 035		0.732 965	9.992 697		522	
		41		43			1		
479	9.259 773		9.267 078		0.732 922	9.992 696		521	
		41		42			2		
.480	9.259 814		9.267 120		0.732 880	9.992 694		**.520**	
		41		42			1		
481	9.259 855		9.267 162		0.732 838	9.992 693		519	
		41		43			2		
482	9.259 896		9.267 205		0.732 795	9.992 691		518	
		41		42			1		
483	9.259 937		9.267 247		0.732 753	9.992 690		517	
		41		43			1		
484	9.259 978		9.267 290		0.732 710	9.992 689		516	
		41		42			2		
485	9.260 019		9.267 332		0.732 668	9.992 687		515	
		41		42			1		
486	9.260 060		9.267 374		0.732 626	9.992 686		514	
		41		43			2		
487	9.260 101		9.267 417		0.732 583	9.992 684		513	
		41		42			1		
488	9.260 142		9.267 459		0.732 541	9.992 683		512	
		41		42			1		
489	9.260 183		9.267 501		0.732 499	9.992 682		511	
		41		43			2		
.490	9.260 224		9.267 544		0.732 456	9.992 680		**.510**	
		41		42			1		
491	9.260 265		9.267 586		0.732 414	9.992 679		509	
		41		42			2		
492	9.260 306		9.267 628		0.732 372	9.992 677		508	
		41		43			1		
493	9.260 347		9.267 671		0.732 329	9.992 676		507	
		41		42			1		
494	9.260 388		9.267 713		0.732 287	9.992 675		506	
		41		42			2		
495	9.260 429		9.267 755		0.732 245	9.992 673		505	
		40		43			1		
496	9.260 469		9.267 798		0.732 202	9.992 672		504	
		41		42			2		
497	9.260 510		9.267 840		0.732 160	9.992 670		503	
		41		42			1		
498	9.260 551		9.267 882		0.732 118	9.992 669		502	
		41		43			1		
499	9.260 592		9.267 925		0.732 075	9.992 668		501	
		41		42			2		
.500	9.260 633		9.267 967		0.732 033	9.992 666		**.500**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

$79^\circ.550 - 79^\circ.500$

$10^\circ.500 - 10^\circ.550$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.260 633		9.267 967		0.732 033	9.992 666		**.500**	
		41		42			1		
501	9.260 674		9.268 009		0.731 991	9.992 665		499	
		41		43			2		
502	9.260 715		9.268 052		0.731 948	9.992 663		498	
		41		42			1		
503	9.260 756		9.268 094		0.731 906	9.992 662		497	
		41		42			1		
504	9.260 797		9.268 136		0.731 864	9.992 661		496	
		40		42			2		
505	9.260 837		9.268 178		0.731 822	9.992 659		495	
		41		43			1		
506	9.260 878		9.268 221		0.731 779	9.992 658		494	
		41		42			2		
507	9.260 919		9.268 263		0.731 737	9.992 656		493	
		41		42			1		
508	9.260 960		9.268 305		0.731 695	9.992 655		492	
		41		42			2		
509	9.261 001		9.268 347		0.731 653	9.992 653		491	
		41		43			1		
.510	9.261 042		9.268 390		0.731 610	9.992 652		**.490**	
		41		42			1		
511	9.261 083		9.268 432		0.731 568	9.992 651		489	
		41		42			2		
512	9.261 124		9.268 474		0.731 526	9.992 649		488	
		40		43			1		
513	9.261 164		9.268 517		0.731 483	9.992 648		487	
		41		42			2		
514	9.261 205		9.268 559		0.731 441	9.992 646		486	
		41		42			1		
515	9.261 246		9.268 601		0.731 399	9.992 645		485	
		41		42			1		
516	9.261 287		9.268 643		0.731 357	9.992 644		484	
		41		43			2		
517	9.261 328		9.268 686		0.731 314	9.992 642		483	
		41		42			1		
518	9.261 369		9.268 728		0.731 272	9.992 641		482	
		40		42			2		
519	9.261 409		9.268 770		0.731 230	9.992 639		481	
		41		42			1		
.520	9.261 450		9.268 812		0.731 188	9.992 638		**.480**	
		41		42			1		
521	9.261 491		9.268 854		0.731 146	9.992 637		479	
		41		43			2		
522	9.261 532		9.268 897		0.731 103	9.992 635		478	
		41		42			1		
523	9.261 573		9.268 939		0.731 061	9.992 634		477	
		40		42			2		
524	9.261 613		9.268 981		0.731 019	9.992 632		476	
		41		42			1		
525	9.261 654		9.269 023		0.730 977	9.992 631		475	
		41		42			1		
526	9.261 695		9.269 065		0.730 935	9.992 630		474	
		41		43			2		
527	9.261 736		9.269 108		0.730 892	9.992 628		473	
		41		42			1		
528	9.261 777		9.269 150		0.730 850	9.992 627		472	
		40		42			2		
529	9.261 817		9.269 192		0.730 808	9.992 625		471	
		41		42			1		
.530	9.261 858		9.269 234		0.730 766	9.992 624		**.470**	
		41		42			1		
531	9.261 899		9.269 276		0.730 724	9.992 623		469	
		41		43			2		
532	9.261 940		9.269 319		0.730 681	9.992 621		468	
		40		42			1		
533	9.261 980		9.269 361		0.730 639	9.992 620		467	
		41		42			2		
534	9.262 021		9.269 403		0.730 597	9.992 618		466	
		41		42			1		
535	9.262 062		9.269 445		0.730 555	9.992 617		465	
		41		42			2		
536	9.262 103		9.269 487		0.730 513	9.992 615		464	
		41		42			1		
537	9.262 144		9.269 529		0.730 471	9.992 614		463	
		40		43			1		
538	9.262 184		9.269 572		0.730 428	9.992 613		462	
		41		42			2		
539	9.262 225		9.269 614		0.730 386	9.992 611		461	
		41		42			1		
.540	9.262 266		9.269 656		0.730 344	9.992 610		**.460**	
		40		42			2		
541	9.262 306		9.269 698		0.730 302	9.992 608		459	
		41		42			1		
542	9.262 347		9.269 740		0.730 260	9.992 607		458	
		41		42			1		
543	9.262 388		9.269 782		0.730 218	9.992 606		457	
		41		43			2		
544	9.262 429		9.269 825		0.730 175	9.992 604		456	
		40		42			1		
545	9.262 469		9.269 867		0.730 133	9.992 603		455	
		41		42			2		
546	9.262 510		9.269 909		0.730 091	9.992 601		454	
		41		42			1		
547	9.262 551		9.269 951		0.730 049	9.992 600		453	
		41		42			1		
548	9.262 592		9.269 993		0.730 007	9.992 599		452	
		40		42			2		
549	9.262 632		9.270 035		0.729 965	9.992 597		451	
		41		42			1		
.550	9.262 673		9.270 077		0.729 923	9.992 596		**.450**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

$79^\circ.500 - 79^\circ.450$

$10^\circ.550 - 10^\circ.600$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.262 673		9.270 077		0.729 923	9.992 596		**.450**	
		41		42			2		
551	9.262 714		9.270 119		0.729 881	9.992 594		449	
		40		42			1		
552	9.262 754		9.270 161		0.729 839	9.992 593		448	
		41		43			2		
553	9.262 795		9.270 204		0.729 796	9.992 591		447	
		41		42			1		
554	9.262 836		9.270 246		0.729 754	9.992 590		446	
		40		42			1		
555	9.262 876		9.270 288		0.729 712	9.992 589		445	
		41		42			2		
556	9.262 917		9.270 330		0.729 670	9.992 587		444	
		41		42			1		
557	9.262 958		9.270 372		0.729 628	9.992 586		443	
		40		42			2		
558	9.262 998		9.270 414		0.729 586	9.992 584		442	
		41		42			1		
559	9.263 039		9.270 456		0.729 544	9.992 583		441	
		41		42			1		
.560	9.263 080		9.270 498		0.729 502	9.992 582		**.440**	
		40		42			2		
561	9.263 120		9.270 540		0.729 460	9.992 580		439	
		41		42			1		
562	9.263 161		9.270 582		0.729 418	9.992 579		438	
		41		42			2		
563	9.263 202		9.270 624		0.729 376	9.992 577		437	
		40		42			1		
564	9.263 242		9.270 666		0.729 334	9.992 576		436	
		41		42			1		
565	9.263 283		9.270 708		0.729 292	9.992 575		435	
		41		43			2		
566	9.263 324		9.270 751		0.729 249	9.992 573		434	
		40		42			1		
567	9.263 364		9.270 793		0.729 207	9.992 572		433	
		41		42			2		
568	9.263 405		9.270 835		0.729 165	9.992 570		432	
		41		42			1		
569	9.263 446		9.270 877		0.729 123	9.992 569		431	
		40		42			2		
.570	9.263 486		9.270 919		0.729 081	9.992 567		**.430**	
		41		42			1		
571	9.263 527		9.270 961		0.729 039	9.992 566		429	
		40		42			1		
572	9.263 567		9.271 003		0.728 997	9.992 565		428	
		41		42			2		
573	9.263 608		9.271 045		0.728 955	9.992 563		427	
		41		42			1		
574	9.263 649		9.271 087		0.728 913	9.992 562		426	
		40		42			2		
575	9.263 689		9.271 129		0.728 871	9.992 560		425	
		41		42			1		
576	9.263 730		9.271 171		0.728 829	9.992 559		424	
		40		42			1		
577	9.263 770		9.271 213		0.728 787	9.992 558		423	
		41		42			2		
578	9.263 811		9.271 255		0.728 745	9.992 556		422	
		41		42			1		
579	9.263 852		9.271 297		0.728 703	9.992 555		421	
		40		42			2		
.580	9.263 892		9.271 339		0.728 661	9.992 553		**.420**	
		41		42			1		
581	9.263 933		9.271 381		0.728 619	9.992 552		419	
		40		42			2		
582	9.263 973		9.271 423		0.728 577	9.992 550		418	
		41		42			1		
583	9.264 014		9.271 465		0.728 535	9.992 549		417	
		40		42			1		
584	9.264 054		9.271 507		0.728 493	9.992 548		416	
		41		42			2		
585	9.264 095		9.271 549		0.728 451	9.992 546		415	
		41		42			1		
586	9.264 136		9.271 591		0.728 409	9.992 545		414	
		40		42			2		
587	9.264 176		9.271 633		0.728 367	9.992 543		413	
		41		42			1		
588	9.264 217		9.271 675		0.728 325	9.992 542		412	
		40		42			1		
589	9.264 257		9.271 717		0.728 283	9.992 541		411	
		41		42			2		
.590	9.264 298		9.271 759		0.728 241	9.992 539		**.410**	
		40		42			1		
591	9.264 338		9.271 801		0.728 199	9.992 538		409	
		41		42			2		
592	9.264 379		9.271 843		0.728 157	9.992 536		408	
		40		41			1		
593	9.264 419		9.271 884		0.728 116	9.992 535		407	
		41		42			2		
594	9.264 460		9.271 926		0.728 074	9.992 533		406	
		40		42			1		
595	9.264 500		9.271 968		0.728 032	9.992 532		405	
		41		42			1		
596	9.264 541		9.272 010		0.727 990	9.992 531		404	
		40		42			2		
597	9.264 581		9.272 052		0.727 948	9.992 529		403	
		41		42			1		
598	9.264 622		9.272 094		0.727 906	9.992 528		402	
		40		42			2		
599	9.264 662		9.272 136		0.727 864	9.992 526		401	
		41		42			1		
.600	9.264 703		9.272 178		0.727 822	9.992 525		**.400**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

$79^\circ.450 - 79^\circ.400$

$10^\circ.600$ — $10^\circ.650$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.264 703		9.272 178		0.727 822	9.992 525		**.400**	
		40		42			1		
601	9.264 743		9.272 220		0.727 780	9.992 524		399	
		41		42			2		
602	9.264 784		9.272 262		0.727 738	9.992 522		398	
		40		42			1		
603	9.264 824		9.272 304		0.727 696	9.992 521		397	
		41		42			2		
604	9.264 865		9.272 346		0.727 654	9.992 519		396	
		40		42			1		
605	9.264 905		9.272 388		0.727 612	9.992 518		395	
		41		41			2		
606	9.264 946		9.272 429		0.727 571	9.992 516		394	
		40		42			1		
607	9.264 986		9.272 471		0.727 529	9.992 515		393	
		41		42			1		
608	9.265 027		9.272 513		0.727 487	9.992 514		392	
		40		42			2		
609	9.265 067		9.272 555		0.727 445	9.992 512		391	
		41		42			1		
.610	9.265 108		9.272 597		0.727 403	9.992 511		**.390**	
		40		42			2		
611	9.265 148		9.272 639		0.727 361	9.992 509		389	
		41		42			1		
612	9.265 189		9.272 681		0.727 319	9.992 508		388	
		40		42			1		
613	9.265 229		9.272 723		0.727 277	9.992 507		387	
		41		42			2		
614	9.265 270		9.272 765		0.727 235	9.992 505		386	
		40		41			1		
615	9.265 310		9.272 806		0.727 194	9.992 504		385	
		41		42			2		
616	9.265 351		9.272 848		0.727 152	9.992 502		384	
		40		42			1		
617	9.265 391		9.272 890		0.727 110	9.992 501		383	
		40		42			2		
618	9.265 431		9.272 932		0.727 068	9.992 499		382	
		41		42			1		
619	9.265 472		9.272 974		0.727 026	9.992 498		381	
		40		42			1		
.620	9.265 512		9.273 016		0.726 984	9.992 497		**.380**	
		41		42			2		
621	9.265 553		9.273 058		0.726 942	9.992 495		379	
		40		41			1		
622	9.265 593		9.273 099		0.726 901	9.992 494		378	
		41		42			2		
623	9.265 634		9.273 141		0.726 859	9.992 492		377	
		40		42			1		
624	9.265 674		9.273 183		0.726 817	9.992 491		376	
		40		42			2		
625	9.265 714		9.273 225		0.726 775	9.992 489		375	
		41		42			1		
626	9.265 755		9.273 267		0.726 733	9.992 488		374	
		40		42			1		
627	9.265 795		9.273 309		0.726 691	9.992 487		373	
		41		41			2		
628	9.265 836		9.273 350		0.726 650	9.992 485		372	
		40		42			1		
629	9.265 876		9.273 392		0.726 608	9.992 484		371	
		40		42			2		
.630	9.265 916		9.273 434		0.726 566	9.992 482		**.370**	
		41		42			1		
631	9.265 957		9.273 476		0.726 524	9.992 481		369	
		40		42			2		
632	9.265 997		9.273 518		0.726 482	9.992 479		368	
		40		41			1		
633	9.266 037		9.273 559		0.726 441	9.992 478		367	
		41		42			1		
634	9.266 078		9.273 601		0.726 399	9.992 477		366	
		40		42			2		
635	9.266 118		9.273 643		0.726 357	9.992 475		365	
		41		42			1		
636	9.266 159		9.273 685		0.726 315	9.992 474		364	
		40		42			2		
637	9.266 199		9.273 727		0.726 273	9.992 472		363	
		40		41			1		
638	9.266 239		9.273 768		0.726 232	9.992 471		362	
		41		42			1		
639	9.266 280		9.273 810		0.726 190	9.992 470		361	
		40		42			2		
.640	9.266 320		9.273 852		0.726 148	9.992 468		**.360**	
		40		42			1		
641	9.266 360		9.273 894		0.726 106	9.992 467		359	
		41		41			2		
642	9.266 401		9.273 935		0.726 065	9.992 465		358	
		40		42			1		
643	9.266 441		9.273 977		0.726 023	9.992 464		357	
		40		42			2		
644	9.266 481		9.274 019		0.725 981	9.992 462		356	
		41		42			1		
645	9.266 522		9.274 061		0.725 939	9.992 461		355	
		40		41			1		
646	9.266 562		9.274 102		0.725 898	9.992 460		354	
		40		42			2		
647	9.266 602		9.274 144		0.725 856	9.992 458		353	
		41		42			1		
648	9.266 643		9.274 186		0.725 814	9.992 457		352	
		40		42			2		
649	9.266 683		9.274 228		0.725 772	9.992 455		351	
		40		41			1		
.650	9.266 723		9.274 269		0.725 731	9.992 454		**.350**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

$79^\circ.400$ — $79^\circ.350$

$10^\circ.650 - 10^\circ.700$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.266 723		9.274 269		0.725 731	9.992 454		**.350**	
		41		42			2		
651	9.266 764		9.274 311		0.725 689	9.992 452		349	
		40		42			1		
652	9.266 804		9.274 353		0.725 647	9.992 451		348	
		40		42			1		
653	9.266 844		9.274 395		0.725 605	9.992 450		347	
		40		41			2		
654	9.266 884		9.274 436		0.725 564	9.992 448		346	
		41		42			1		
655	9.266 925		9.274 478		0.725 522	9.992 447		345	
		40		42			2		
656	9.266 965		9.274 520		0.725 480	9.992 445		344	
		40		41			1		
657	9.267 005		9.274 561		0.725 439	9.992 444		343	
		41		42			2		
658	9.267 046		9.274 603		0.725 397	9.992 442		342	
		40		42			1		
659	9.267 086		9.274 645		0.725 355	9.992 441		341	
		40		42			1		
.660	9.267 126		9.274 687		0.725 313	9.992 440		**.340**	
		40		41			2		
661	9.267 166		9.274 728		0.725 272	9.992 438		339	
		41		42			1		
662	9.267 207		9.274 770		0.725 230	9.992 437		338	
		40		42			2		
663	9.267 247		9.274 812		0.725 188	9.992 435		337	
		40		41			1		
664	9.267 287		9.274 853		0.725 147	9.992 434		336	
		40		42			2		
665	9.267 327		9.274 895		0.725 105	9.992 432		335	
		41		42			1		
666	9.267 368		9.274 937		0.725 063	9.992 431		334	
		40		41			1		
667	9.267 408		9.274 978		0.725 022	9.992 430		333	
		40		42			2		
668	9.267 448		9.275 020		0.724 980	9.992 428		332	
		40		42			1		
669	9.267 488		9.275 062		0.724 938	9.992 427		331	
		41		41			2		
.670	9.267 529		9.275 103		0.724 897	9.992 425		**.330**	
		40		42			1		
671	9.267 569		9.275 145		0.724 855	9.992 424		329	
		40		42			2		
672	9.267 609		9.275 187		0.724 813	9.992 422		328	
		40		41			1		
673	9.267 649		9.275 228		0.724 772	9.992 421		327	
		41		42			1		
674	9.267 690		9.275 270		0.724 730	9.992 420		326	
		40		42			2		
675	9.267 730		9.275 312		0.724 688	9.992 418		325	
		40		41			1		
676	9.267 770		9.275 353		0.724 647	9.992 417		324	
		40		42			2		
677	9.267 810		9.275 395		0.724 605	9.992 415		323	
		40		41			1		
678	9.267 850		9.275 436		0.724 564	9.992 414		322	
		41		42			2		
679	9.267 891		9.275 478		0.724 522	9.992 412		321	
		40		42			1		
.680	9.267 931		9.275 520		0.724 480	9.992 411		**.320**	
		40		41			1		
681	9.267 971		9.275 561		0.724 439	9.992 410		319	
		40		42			2		
682	9.268 011		9.275 603		0.724 397	9.992 408		318	
		40		42			1		
683	9.268 051		9.275 645		0.724 355	9.992 407		317	
		40		41			2		
684	9.268 091		9.275 686		0.724 314	9.992 405		316	
		41		42			1		
685	9.268 132		9.275 728		0.724 272	9.992 404		315	
		40		41			2		
686	9.268 172		9.275 769		0.724 231	9.992 402		314	
		40		42			1		
687	9.268 212		9.275 811		0.724 189	9.992 401		313	
		40		42			1		
688	9.268 252		9.275 853		0.724 147	9.992 400		312	
		40		41			2		
689	9.268 292		9.275 894		0.724 106	9.992 398		311	
		40		42			1		
.690	9.268 332		9.275 936		0.724 064	9.992 397		**.310**	
		41		41			2		
691	9.268 373		9.275 977		0.724 023	9.992 395		309	
		40		42			1		
692	9.268 413		9.276 019		0.723 981	9.992 394		308	
		40		41			2		
693	9.268 453		9.276 060		0.723 940	9.992 392		307	
		40		42			1		
694	9.268 493		9.276 102		0.723 898	9.992 391		306	
		40		42			1		
695	9.268 533		9.276 144		0.723 856	9.992 390		305	
		40		41			2		
696	9.268 573		9.276 185		0.723 815	9.992 388		304	
		40		42			1		
697	9.268 613		9.276 227		0.723 773	9.992 387		303	
		41		41			2		
698	9.268 654		9.276 268		0.723 732	9.992 385		302	
		40		42			1		
699	9.268 694		9.276 310		0.723 690	9.992 384		301	
		40		41			2		
.700	9.268 734		9.276 351		0.723 649	9.992 382		**.300**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

$79^\circ.350 - 79^\circ.300$

$10^\circ.700 - 10^\circ.750$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.268 734		9.276 351		0.723 649	9.992 382		**.300**	
		40		42			1		
701	9.268 774		9.276 393		0.723 607	9.992 381		299	
702	9.268 814	40	9.276 434	41	0.723 566	9.992 380	1	298	
703	9.268 854	40	9.276 476	42	0.723 524	9.992 378	2	297	
		40		42			1		42
704	9.268 894		9.276 518		0.723 482	9.992 377		296	1 4.2
705	9.268 934	40	9.276 559	41	0.723 441	9.992 375	2	295	2 8.4
706	9.268 974	40	9.276 601	42	0.723 399	9.992 374	1	294	3 12.6
		41		41			2		4 16.8
707	9.269 015		9.276 642		0.723 358	9.992 372		293	5 21.0
708	9.269 055	40	9.276 684	42	0.723 316	9.992 371	1	292	6 25.2
709	9.269 095	40	9.276 725	41	0.723 275	9.992 370	1	291	7 29.4
		40		42			2		8 33.6
.710	9.269 135		9.276 767		0.723 233	9.992 368		**.290**	9 37.8
		40		41			1		
711	9.269 175		9.276 808		0.723 192	9.992 367		289	
712	9.269 215	40	9.276 850	42	0.723 150	9.992 365	2	288	
713	9.269 255	40	9.276 891	41	0.723 109	9.992 364	1	287	
		40		42			2		
714	9.269 295		9.276 933		0.723 067	9.992 362		286	
715	9.269 335	40	9.276 974	41	0.723 026	9.992 361	1	285	41
716	9.269 375	40	9.277 016	42	0.722 984	9.992 359	2	284	
		40		41			1		1 4.1
717	9.269 415		9.277 057		0.722 943	9.992 358		283	2 8.2
718	9.269 455	40	9.277 099	42	0.722 901	9.992 357	1	282	3 12.3
719	9.269 495	40	9.277 140	41	0.722 860	9.992 355	2	281	4 16.4
		40		42			1		5 20.5
.720	9.269 535		9.277 182		0.722 818	9.992 354		**.280**	6 24.6
		40		41			2		7 28.7
721	9.269 575		9.277 223		0.722 777	9.992 352		279	8 32.8
722	9.269 615	40	9.277 265	42	0.722 735	9.992 351	1	278	9 36.9
723	9.269 655	40	9.277 306	41	0.722 694	9.992 349	2	277	
		40		41			1		
724	9.269 695		9.277 347		0.722 653	9.992 348		276	
725	9.269 736	41	9.277 389	42	0.722 611	9.992 347	1	275	
726	9.269 776	40	9.277 430	41	0.722 570	9.992 345	2	274	
		40		42			1		40
727	9.269 816		9.277 472		0.722 528	9.992 344		273	
728	9.269 856	40	9.277 513	41	0.722 487	9.992 342	2	272	1 4.0
729	9.269 896	40	9.277 555	42	0.722 445	9.992 341	1	271	2 8.0
		40		41			2		3 12.0
.730	9.269 936		9.277 596		0.722 404	9.992 339		**.270**	4 16.0
		40		42			1		5 20.0
731	9.269 976		9.277 638		0.722 362	9.992 338		269	6 24.0
732	9.270 016	40	9.277 679	41	0.722 321	9.992 337	1	268	7 28.0
733	9.270 056	40	9.277 720	41	0.722 280	9.992 335	2	267	8 32.0
		40		42			1		9 36.0
734	9.270 096		9.277 762		0.722 238	9.992 334		266	
735	9.270 136	40	9.277 803	41	0.722 197	9.992 332	2	265	
736	9.270 175	39	9.277 845	42	0.722 155	9.992 331	1	264	
		40		41			2		
737	9.270 215		9.277 886		0.722 114	9.992 329		263	
738	9.270 255	40	9.277 928	42	0.722 072	9.992 328	1	262	
739	9.270 295	40	9.277 969	41	0.722 031	9.992 326	2	261	39
		40		41			1		
.740	9.270 335		9.278 010		0.721 990	9.992 325		**.260**	1 3.9
		40		42			1		2 7.8
741	9.270 375		9.278 052		0.721 948	9.992 324		259	3 11.7
742	9.270 415	40	9.278 093	41	0.721 907	9.992 322	2	258	4 15.6
743	9.270 455	40	9.278 135	42	0.721 865	9.992 321	1	257	5 19.5
		40		41			2		6 23.4
744	9.270 495		9.278 176		0.721 824	9.992 319		256	7 27.3
745	9.270 535	40	9.278 217	41	0.721 783	9.992 318	1	255	8 31.2
746	9.270 575	40	9.278 259	42	0.721 741	9.992 316	2	254	9 35.1
		40		41			1		
747	9.270 615		9.278 300		0.721 700	9.992 315		253	
748	9.270 655	40	9.278 341	41	0.721 659	9.992 314	1	252	
749	9.270 695	40	9.278 383	42	0.721 617	9.992 312	2	251	
		40		41			1		
.750	9.270 735		9.278 424		0.721 576	9.992 311		**.250**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^\circ.300 - 79^\circ.250$

10°.750 — 10°.800

10°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.270 735		9.278 424		0.721 576	9.992 311		**.250**	
		40		42			2		
751	9.270 775		9.278 466		0.721 534	9.992 309		249	
752	9.270 815	40	9.278 507	41	0.721 493	9.992 308	1	248	
753	9.270 855	40	9.278 548	41	0.721 452	9.992 306	2	247	
		39		42			1		42
754	9.270 894		9.278 590		0.721 410	9.992 305		246	1 4.2
755	9.270 934	40	9.278 631	41	0.721 369	9.992 303	2	245	2 8.4
756	9.270 974	40	9.278 672	41	0.721 328	9.992 302	1	244	3 12.6
		40		42			1		4 16.8
757	9.271 014		9.278 714		0.721 286	9.992 301		243	5 21.0
758	9.271 054	40	9.278 755	41	0.721 245	9.992 299	2	242	6 25.2
759	9.271 094	40	9.278 796	41	0.721 204	9.992 298	1	241	7 29.4
		40		42			2		8 33.6
.760	9.271 134		9.278 838		0.721 162	9.992 296		**.240**	9 37.8
		40		41			1		
761	9.271 174		9.278 879		0.721 121	9.992 295		239	
762	9.271 214	40	9.278 920	41	0.721 080	9.992 293	2	238	
763	9.271 253	39	9.278 962	42	0.721 038	9.992 292	1	237	
		40		41			2		
764	9.271 293		9.279 003		0.720 997	9.992 290		236	
765	9.271 333	40	9.279 044	41	0.720 956	9.992 289	1	235	
766	9.271 373	40	9.279 086	42	0.720 914	9.992 288	1	234	41
		40		41			2		
767	9.271 413		9.279 127		0.720 873	9.992 286		233	1 4.1
768	9.271 453	40	9.279 168	41	0.720 832	9.992 285	1	232	2 8.2
769	9.271 493	40	9.279 209	41	0.720 791	9.992 283	2	231	3 12.3
		40		42			1		4 16.4
.770	9.271 533		9.279 251		0.720 749	9.992 282		**.230**	5 20.5
		39		41			2		6 24.6
771	9.271 572		9.279 292		0.720 708	9.992 280		229	7 28.7
772	9.271 612	40	9.279 333	41	0.720 667	9.992 279	1	228	8 32.8
773	9.271 652	40	9.279 375	42	0.720 625	9.992 277	2	227	9 36.9
		40		41			1		
774	9.271 692		9.279 416		0.720 584	9.992 276		226	
775	9.271 732	40	9.279 457	41	0.720 543	9.992 275	1	225	
776	9.271 772	40	9.279 498	41	0.720 502	9.992 273	2	224	
		39		42			1		
777	9.271 811		9.279 540		0.720 460	9.992 272		223	40
778	9.271 851	40	9.279 581	41	0.720 419	9.992 270	2	222	
779	9.271 891	40	9.279 622	41	0.720 378	9.992 269	1	221	1 4.0
		40		41			2		2 8.0
.780	9.271 931		9.279 663		0.720 337	9.992 267		**.220**	3 12.0
		40		42			1		4 16.0
781	9.271 971		9.279 705		0.720 295	9.992 266		219	5 20.0
782	9.272 010	39	9.279 746	41	0.720 254	9.992 265	1	218	6 24.0
783	9.272 050	40	9.279 787	41	0.720 213	9.992 263	2	217	7 28.0
		40		41			1		8 32.0
784	9.272 090		9.279 828		0.720 172	9.992 262		216	9 36.0
785	9.272 130	40	9.279 870	42	0.720 130	9.992 260	2	215	
786	9.272 170	40	9.279 911	41	0.720 089	9.992 259	1	214	
		39		41			2		
787	9.272 209		9.279 952		0.720 048	9.992 257		213	
788	9.272 249	40	9.279 993	41	0.720 007	9.992 256	1	212	
789	9.272 289	40	9.280 035	42	0.719 965	9.992 254	2	211	39
		40		41			1		
.790	9.272 329		9.280 076		0.719 924	9.992 253		**.210**	1 3.9
		40		41			1		2 7.8
791	9.272 369		9.280 117		0.719 883	9.992 252		209	3 11.7
792	9.272 408	39	9.280 158	41	0.719 842	9.992 250	2	208	4 15.6
793	9.272 448	40	9.280 199	41	0.719 801	9.992 249	1	207	5 19.5
		40		42			2		6 23.4
794	9.272 488		9.280 241		0.719 759	9.992 247		206	7 27.3
795	9.272 528	40	9.280 282	41	0.719 718	9.992 246	1	205	8 31.2
796	9.272 567	39	9.280 323	41	0.719 677	9.992 244	2	204	9 35.1
		40		41			1		
797	9.272 607		9.280 364		0.719 636	9.992 243		203	
798	9.272 647	40	9.280 405	41	0.719 595	9.992 241	2	202	
799	9.272 687	40	9.280 447	42	0.719 553	9.992 240	1	201	
		39		41			1		
.800	9.272 726		9.280 488		0.719 512	9.992 239		**.200**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

79°.250 — 79°.200

$10^\circ.800 - 10^\circ.850$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.272 726		9.280 488		0.719 512	9.992 239		**.200**	
		40		41			2		
801	9.272 766		9.280 529		0.719 471	9.992 237		199	
802	9.272 806	40	9.280 570	41	0.719 430	9.992 236	1	198	
803	9.272 845	39	9.280 611	41	0.719 389	9.992 234	2	197	
		40		41			1		42
804	9.272 885		9.280 652		0.719 348	9.992 233		196	1 4.2
805	9.272 925	40	9.280 694	42	0.719 306	9.992 231	2	195	2 8.4
806	9.272 965	40	9.280 735	41	0.719 265	9.992 230	1	194	3 12.6
		39		41			2		4 16.8
807	9.273 004		9.280 776		0.719 224	9.992 228		193	5 21.0
808	9.273 044	40	9.280 817	41	0.719 183	9.992 227	1	192	6 25.2
809	9.273 084	40	9.280 858	41	0.719 142	9.992 225	2	191	7 29.4
		39		41			1		8 33.6
.810	9.273 123		9.280 899		0.719 101	9.992 224		**.190**	9 37.8
		40		42			1		
811	9.273 163		9.280 941		0.719 059	9.992 223		189	
812	9.273 203	40	9.280 982	41	0.719 018	9.992 221	2	188	
813	9.273 243	40	9.281 023	41	0.718 977	9.992 220	1	187	
		39		41			2		
814	9.273 282		9.281 064		0.718 936	9.992 218		186	
815	9.273 322	40	9.281 105	41	0.718 895	9.992 217	1	185	
816	9.273 362	40	9.281 146	41	0.718 854	9.992 215	2	184	41
		39		41			1		
817	9.273 401		9.281 187		0.718 813	9.992 214		183	1 4.1
818	9.273 441	40	9.281 228	41	0.718 772	9.992 212	2	182	2 8.2
819	9.273 481	40	9.281 270	42	0.718 730	9.992 211	1	181	3 12.3
		39		41			1		4 16.4
.820	9.273 520		9.281 311		0.718 689	9.992 210		**.180**	5 20.5
		40		41			2		6 24.6
821	9.273 560		9.281 352		0.718 648	9.992 208		179	7 28.7
822	9.273 600	40	9.281 393	41	0.718 607	9.992 207	1	178	8 32.8
823	9.273 639	39	9.281 434	41	0.718 566	9.992 205	2	177	9 36.9
		40		41			1		
824	9.273 679		9.281 475		0.718 525	9.992 204		176	
825	9.273 718	39	9.281 516	41	0.718 484	9.992 202	2	175	
826	9.273 758	40	9.281 557	41	0.718 443	9.992 201	1	174	
		40		41			2		
827	9.273 798		9.281 598		0.718 402	9.992 199		173	40
828	9.273 837	39	9.281 639	41	0.718 361	9.992 198	1	172	
829	9.273 877	40	9.281 680	41	0.718 320	9.992 197	1	171	1 4.0
		40		42			2		2 8.0
.830	9.273 917		9.281 722		0.718 278	9.992 195		**.170**	3 12.0
		39		41			1		4 16.0
831	9.273 956		9.281 763		0.718 237	9.992 194		169	5 20.0
832	9.273 996	40	9.281 804	41	0.718 196	9.992 192	2	168	6 24.0
833	9.274 035	39	9.281 845	41	0.718 155	9.992 191	1	167	7 28.0
		40		41			2		8 32.0
834	9.274 075		9.281 886		0.718 114	9.992 189		166	9 36.0
835	9.274 115	40	9.281 927	41	0.718 073	9.992 188	1	165	
836	9.274 154	39	9.281 968	41	0.718 032	9.992 186	2	164	
		40		41			1		
837	9.274 194		9.282 009		0.717 991	9.992 185		163	
838	9.274 233	39	9.282 050	41	0.717 950	9.992 183	2	162	
839	9.274 273	40	9.282 091	41	0.717 909	9.992 182	1	161	39
		40		41			1		
.840	9.274 313		9.282 132		0.717 868	9.992 181		**.160**	1 3.9
		39		41			2		2 7.8
841	9.274 352		9.282 173		0.717 827	9.992 179		159	3 11.7
842	9.274 392	40	9.282 214	41	0.717 786	9.992 178	1	158	4 15.6
843	9.274 431	39	9.282 255	41	0.717 745	9.992 176	2	157	5 19.5
		40		41			1		6 23.4
844	9.274 471		9.282 296		0.717 704	9.992 175		156	7 27.3
845	9.274 511	40	9.282 337	41	0.717 663	9.992 173	2	155	8 31.2
846	9.274 550	39	9.282 378	41	0.717 622	9.992 172	1	154	9 35.1
		40		41			2		
847	9.274 590		9.282 419		0.717 581	9.992 170		153	
848	9.274 629	39	9.282 460	41	0.717 540	9.992 169	1	152	
849	9.274 669	40	9.282 501	41	0.717 499	9.992 167	2	151	
		39		41			1		
.850	9.274 708		9.282 542		0.717 458	9.992 166		**.150**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^\circ.200 - 79^\circ.150$

$10^\circ.850 - 10^\circ.900$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.274 708		9.282 542		0.717 458	9.992 166		**.150**	
		40		41			1		
851	9.274 748		9.282 583		0.717 417	9.992 165		149	
		39		41			2		
852	9.274 787		9.282 624		0.717 376	9.992 163		148	
		40		41			1		
853	9.274 827		9.282 665		0.717 335	9.992 162		147	
		39		41			2		
854	9.274 866		9.282 706		0.717 294	9.992 160		146	
		40		41			1		
855	9.274 906		9.282 747		0.717 253	9.992 159		145	
		40		41			2		
856	9.274 946		9.282 788		0.717 212	9.992 157		144	
		39		41			1		
857	9.274 985		9.282 829		0.717 171	9.992 156		143	
		40		41			2		
858	9.275 025		9.282 870		0.717 130	9.992 154		142	
		39		41			1		
859	9.275 064		9.282 911		0.717 089	9.992 153		141	
		40		41			1		
.860	9.275 104		9.282 952		0.717 048	9.992 152		**.140**	
		39		41			2		
861	9.275 143		9.282 993		0.717 007	9.992 150		139	
		40		41			1		
862	9.275 183		9.283 034		0.716 966	9.992 149		138	
		39		41			2		
863	9.275 222		9.283 075		0.716 925	9.992 147		137	
		40		41			1		
864	9.275 262		9.283 116		0.716 884	9.992 146		136	
		39		41			2		
865	9.275 301		9.283 157		0.716 843	9.992 144		135	
		40		41			1		
866	9.275 341		9.283 198		0.716 802	9.992 143		134	
		39		41			2		
867	9.275 380		9.283 239		0.716 761	9.992 141		133	
		40		41			1		
868	9.275 420		9.283 280		0.716 720	9.992 140		132	
		39		41			2		
869	9.275 459		9.283 321		0.716 679	9.992 138		131	
		40		41			1		
.870	9.275 499		9.283 362		0.716 638	9.992 137		**.130**	
		39		41			1		
871	9.275 538		9.283 403		0.716 597	9.992 136		129	
		39		40			2		
872	9.275 577		9.283 443		0.716 557	9.992 134		128	
		40		41			1		
873	9.275 617		9.283 484		0.716 516	9.992 133		127	
		39		41			2		
874	9.275 656		9.283 525		0.716 475	9.992 131		126	
		40		41			1		
875	9.275 696		9.283 566		0.716 434	9.992 130		125	
		39		41			2		
876	9.275 735		9.283 607		0.716 393	9.992 128		124	
		40		41			1		
877	9.275 775		9.283 648		0.716 352	9.992 127		123	
		39		41			2		
878	9.275 814		9.283 689		0.716 311	9.992 125		122	
		40		41			1		
879	9.275 854		9.283 730		0.716 270	9.992 124		121	
		39		41			2		
.880	9.275 893		9.283 771		0.716 229	9.992 122		**.120**	
		40		41			1		
881	9.275 933		9.283 812		0.716 188	9.992 121		119	
		39		40			2		
882	9.275 972		9.283 852		0.716 148	9.992 119		118	
		39		41			1		
883	9.276 011		9.283 893		0.716 107	9.992 118		117	
		40		41			1		
884	9.276 051		9.283 934		0.716 066	9.992 117		116	
		39		41			2		
885	9.276 090		9.283 975		0.716 025	9.992 115		115	
		40		41			1		
886	9.276 130		9.284 016		0.715 984	9.992 114		114	
		39		41			2		
887	9.276 169		9.284 057		0.715 943	9.992 112		113	
		39		41			1		
888	9.276 208		9.284 098		0.715 902	9.992 111		112	
		40		41			2		
889	9.276 248		9.284 139		0.715 861	9.992 109		111	
		39		40			1		
.890	9.276 287		9.284 179		0.715 821	9.992 108		**.110**	
		40		41			2		
891	9.276 327		9.284 220		0.715 780	9.992 106		109	
		39		41			1		
892	9.276 366		9.284 261		0.715 739	9.992 105		108	
		39		41			2		
893	9.276 405		9.284 302		0.715 698	9.992 103		107	
		40		41			1		
894	9.276 445		9.284 343		0.715 657	9.992 102		106	
		39		41			1		
895	9.276 484		9.284 384		0.715 616	9.992 101		105	
		40		41			2		
896	9.276 524		9.284 425		0.715 575	9.992 099		104	
		39		40			1		
897	9.276 563		9.284 465		0.715 535	9.992 098		103	
		39		41			2		
898	9.276 602		9.284 506		0.715 494	9.992 096		102	
		40		41			1		
899	9.276 642		9.284 547		0.715 453	9.992 095		101	
		39		41			2		
.900	9.276 681		9.284 588		0.715 412	9.992 093		**.100**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

$79^\circ.150 - 79^\circ.100$

$10^\circ.900 - 10^\circ.950$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.276 681		9.284 588		0.715 412	9.992 093		**.100**	
		39		41			1		
901	9.276 720		9.284 629		0.715 371	9.992 092		099	
902	9.276 760	40	9.284 669	40	0.715 331	9.992 090	2	098	
903	9.276 799	39	9.284 710	41	0.715 290	9.992 089	1	097	
		39		41			2		
904	9.276 838		9.284 751		0.715 249	9.992 087		096	
905	9.276 878	40	9.284 792	41	0.715 208	9.992 086	1	095	
906	9.276 917	39	9.284 833	41	0.715 167	9.992 084	2	094	
		40		40			1		
907	9.276 957		9.284 873		0.715 127	9.992 083		093	
908	9.276 996	39	9.284 914	41	0.715 086	9.992 082	1	092	
909	9.277 035	39	9.284 955	41	0.715 045	9.992 080	2	091	
		39		41			1		
.910	9.277 074		9.284 996		0.715 004	9.992 079		**.090**	
		40		41			2		
911	9.277 114		9.285 037		0.714 963	9.992 077		089	
912	9.277 153	39	9.285 077	40	0.714 923	9.992 076	1	088	
913	9.277 192	39	9.285 118	41	0.714 882	9.992 074	2	087	
		40		41			1		
914	9.277 232		9.285 159		0.714 841	9.992 073		086	
915	9.277 271	39	9.285 200	41	0.714 800	9.992 071	2	085	
916	9.277 310	39	9.285 241	41	0.714 759	9.992 070	1	084	
		40		40			2		
917	9.277 350		9.285 281		0.714 719	9.992 068		083	
918	9.277 389	39	9.285 322	41	0.714 678	9.992 067	1	082	
919	9.277 428	39	9.285 363	41	0.714 637	9.992 065	2	081	
		40		41			1		
.920	9.277 468		9.285 404		0.714 596	9.992 064		**.080**	
		39		40			1		
921	9.277 507		9.285 444		0.714 556	9.992 063		079	
922	9.277 546	39	9.285 485	41	0.714 515	9.992 061	2	078	
923	9.277 585	39	9.285 526	41	0.714 474	9.992 060	1	077	
		40		41			2		
924	9.277 625		9.285 567		0.714 433	9.992 058		076	
925	9.277 664	39	9.285 607	40	0.714 393	9.992 057	1	075	
926	9.277 703	39	9.285 648	41	0.714 352	9.992 055	2	074	
		39		41			1		
927	9.277 742		9.285 689		0.714 311	9.992 054		073	
928	9.277 782	40	9.285 729	40	0.714 271	9.992 052	2	072	
929	9.277 821	39	9.285 770	41	0.714 230	9.992 051	1	071	
		39		41			2		
.930	9.277 860		9.285 811		0.714 189	9.992 049		**.070**	
		40		41			1		
931	9.277 900		9.285 852		0.714 148	9.992 048		069	
932	9.277 939	39	9.285 892	40	0.714 108	9.992 046	2	068	
933	9.277 978	39	9.285 933	41	0.714 067	9.992 045	1	067	
		39		41			1		
934	9.278 017		9.285 974		0.714 026	9.992 044		066	
935	9.278 056	39	9.286 014	40	0.713 986	9.992 042	2	065	
936	9.278 096	40	9.286 055	41	0.713 945	9.992 041	1	064	
		39		41			2		
937	9.278 135		9.286 096		0.713 904	9.992 039		063	
938	9.278 174	39	9.286 136	40	0.713 864	9.992 038	1	062	
939	9.278 213	39	9.286 177	41	0.713 823	9.992 036	2	061	
		40		41			1		
.940	9.278 253		9.286 218		0.713 782	9.992 035		**.060**	
		39		41			2		
941	9.278 292		9.286 259		0.713 741	9.992 033		059	
942	9.278 331	39	9.286 299	40	0.713 701	9.992 032	1	058	
943	9.278 370	39	9.286 340	41	0.713 660	9.992 030	2	057	
		39		41			1		
944	9.278 409		9.286 381		0.713 619	9.992 029		056	
945	9.278 449	40	9.286 421	40	0.713 579	9.992 027	2	055	
946	9.278 488	39	9.286 462	41	0.713 538	9.992 026	1	054	
		39		41			2		
947	9.278 527		9.286 503		0.713 497	9.992 024		053	
948	9.278 566	39	9.286 543	40	0.713 457	9.992 023	1	052	
949	9.278 605	39	9.286 584	41	0.713 416	9.992 022	1	051	
		40		40			2		
.950	9.278 645		9.286 624		0.713 376	9.992 020		**.050**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

$79^\circ.100 - 79^\circ.050$

$10^\circ.950 - 11^\circ.000$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.278 645		9.286 624		0.713 376	9.992 020		**.050**	
		39		41			1		
951	9.278 684		9.286 665		0.713 335	9.992 019		049	
952	9.278 723	39	9.286 706	41	0.713 294	9.992 017	2	048	
953	9.278 762	39	9.286 746	40	0.713 254	9.992 016	1	047	
		39		41			2		
954	9.278 801		9.286 787		0.713 213	9.992 014		046	
955	9.278 840	39	9.286 828	41	0.713 172	9.992 013	1	045	
956	9.278 880	40	9.286 868	40	0.713 132	9.992 011	2	044	
		39		41			1		
957	9.278 919		9.286 909		0.713 091	9.992 010		043	
958	9.278 958	39	9.286 950	41	0.713 050	9.992 008	2	042	
959	9.278 997	39	9.286 990	40	0.713 010	9.992 007	1	041	
		39		41			2		
.960	9.279 036		9.287 031		0.712 969	9.992 005		**.040**	
		39		40			1		
961	9.279 075		9.287 071		0.712 929	9.992 004		039	
962	9.279 114	39	9.287 112	41	0.712 888	9.992 002	2	038	
963	9.279 154	40	9.287 153	41	0.712 847	9.992 001	1	037	
		39		40			1		
964	9.279 193		9.287 193		0.712 807	9.992 000		036	
965	9.279 232	39	9.287 234	41	0.712 766	9.991 998	2	035	
966	9.279 271	39	9.287 274	40	0.712 726	9.991 997	1	034	
		39		41			2		
967	9.279 310		9.287 315		0.712 685	9.991 995		033	
968	9.279 349	39	9.287 355	40	0.712 645	9.991 994	1	032	
969	9.279 388	39	9.287 396	41	0.712 604	9.991 992	2	031	
		39		41			1		
.970	9.279 427		9.287 437		0.712 563	9.991 991		**.030**	
		39		40			2		
971	9.279 466		9.287 477		0.712 523	9.991 989		029	
972	9.279 506	40	9.287 518	41	0.712 482	9.991 988	1	028	
973	9.279 545	39	9.287 558	40	0.712 442	9.991 986	2	027	
		39		41			1		
974	9.279 584		9.287 599		0.712 401	9.991 985		026	
975	9.279 623	39	9.287 639	40	0.712 361	9.991 983	2	025	
976	9.279 662	39	9.287 680	41	0.712 320	9.991 982	1	024	
		39		41			2		
977	9.279 701		9.287 721		0.712 279	9.991 980		023	
978	9.279 740	39	9.287 761	40	0.712 239	9.991 979	1	022	
979	9.279 779	39	9.287 802	41	0.712 198	9.991 977	2	021	
		39		40			1		
.980	9.279 818		9.287 842		0.712 158	9.991 976		**.020**	
		39		41			1		
981	9.279 857		9.287 883		0.712 117	9.991 975		019	
982	9.279 896	39	9.287 923	40	0.712 077	9.991 973	2	018	
983	9.279 935	39	9.287 964	41	0.712 036	9.991 972	1	017	
		39		40			2		
984	9.279 974		9.288 004		0.711 996	9.991 970		016	
985	9.280 014	40	9.288 045	41	0.711 955	9.991 969	1	015	
986	9.280 053	39	9.288 085	40	0.711 915	9.991 967	2	014	
		39		41			1		
987	9.280 092		9.288 126		0.711 874	9.991 966		013	
988	9.280 131	39	9.288 166	40	0.711 834	9.991 964	2	012	
989	9.280 170	39	9.288 207	41	0.711 793	9.991 963	1	011	
		39		40			2		
.990	9.280 209		9.288 247		0.711 753	9.991 961		**.010**	
		39		41			1		
991	9.280 248		9.288 288		0.711 712	9.991 960		009	
992	9.280 287	39	9.288 328	40	0.711 672	9.991 958	2	008	
993	9.280 326	39	9.288 369	41	0.711 631	9.991 957	1	007	
		39		40			2		
994	9.280 365		9.288 409		0.711 591	9.991 955		006	
995	9.280 404	39	9.288 450	41	0.711 550	9.991 954	1	005	
996	9.280 443	39	9.288 490	40	0.711 510	9.991 952	2	004	
		39		41			1		
997	9.280 482		9.288 531		0.711 469	9.991 951		003	
998	9.280 521	39	9.288 571	40	0.711 429	9.991 950	1	002	
999	9.280 560	39	9.288 612	41	0.711 388	9.991 948	2	001	
		39		40			1		
***000**	9.280 599		9.288 652		0.711 348	9.991 947		**.000**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

$79^\circ.050 - 79^\circ.000$

11°.000 — 11°.050

11°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.280 599		9.288 652		0.711 348	9.991 947		*000	
		39		41			2		
001	9.280 638		9.288 693		0.711 307	9.991 945		999	
002	9.280 677	39	9.288 733	40	0.711 267	9.991 944	1	998	
003	9.280 716	39	9.288 774	41	0.711 226	9.991 942	2	997	
		39		40			1		
004	9.280 755		9.288 814		0.711 186	9.991 941		996	
005	9.280 794	39	9.288 855	41	0.711 145	9.991 939	2	995	
006	9.280 833	39	9.288 895	40	0.711 105	9.991 938	1	994	
		39		40			2		
007	9.280 872		9.288 935		0.711 065	9.991 936		993	
008	9.280 911	39	9.288 976	41	0.711 024	9.991 935	1	992	
009	9.280 950	39	9.289 016	40	0.710 984	9.991 933	2	991	
		39		41			1		
.010	9.280 989		9.289 057		0.710 943	9.991 932		.990	
		39		40			2		
011	9.281 028		9.289 097		0.710 903	9.991 930		989	
012	9.281 067	39	9.289 138	41	0.710 862	9.991 929	1	988	
013	9.281 105	38	9.289 178	40	0.710 822	9.991 927	2	987	
		39		40			1		
014	9.281 144		9.289 218		0.710 782	9.991 926		986	
015	9.281 183	39	9.289 259	41	0.710 741	9.991 924	2	985	
016	9.281 222	39	9.289 299	40	0.710 701	9.991 923	1	984	
		39		41			1		
017	9.281 261		9.289 340		0.710 660	9.991 922		983	
018	9.281 300	39	9.289 380	40	0.710 620	9.991 920	2	982	
019	9.281 339	39	9.289 421	41	0.710 579	9.991 919	1	981	
		39		40			2		
.020	9.281 378		9.289 461		0.710 539	9.991 917		.980	
		39		40			1		
021	9.281 417		9.289 501		0.710 499	9.991 916		979	
022	9.281 456	39	9.289 542	41	0.710 458	9.991 914	2	978	
023	9.281 495	39	9.289 582	40	0.710 418	9.991 913	1	977	
		39		41			2		
024	9.281 534		9.289 623		0.710 377	9.991 911		976	
025	9.281 573	39	9.289 663	40	0.710 337	9.991 910	1	975	
026	9.281 611	38	9.289 703	40	0.710 297	9.991 908	2	974	
		39		41			1		
027	9.281 650		9.289 744		0.710 256	9.991 907		973	
028	9.281 689	39	9.289 784	40	0.710 216	9.991 905	2	972	
029	9.281 728	39	9.289 824	40	0.710 176	9.991 904	1	971	
		39		41			2		
.030	9.281 767		9.289 865		0.710 135	9.991 902		.970	
		39		40			1		
031	9.281 806		9.289 905		0.710 095	9.991 901		969	
032	9.281 845	39	9.289 945	40	0.710 055	9.991 899	2	968	
033	9.281 884	39	9.289 986	41	0.710 014	9.991 898	1	967	
		39		40			2		
034	9.281 923		9.290 026		0.709 974	9.991 896		966	
035	9.281 961	38	9.290 067	41	0.709 933	9.991 895	1	965	
036	9.282 000	39	9.290 107	40	0.709 893	9.991 893	2	964	
		39		40			1		
037	9.282 039		9.290 147		0.709 853	9.991 892		963	
038	9.282 078	39	9.290 188	41	0.709 812	9.991 890	2	962	
039	9.282 117	39	9.290 228	40	0.709 772	9.991 889	1	961	
		39		40			1		
.040	9.282 156		9.290 268		0.709 732	9.991 888		.960	
		39		41			2		
041	9.282 195		9.290 309		0.709 691	9.991 886		959	
042	9.282 233	38	9.290 349	40	0.709 651	9.991 885	1	958	
043	9.282 272	39	9.290 389	40	0.709 611	9.991 883	2	957	
		39		41			1		
044	9.282 311		9.290 430		0.709 570	9.991 882		956	
045	9.282 350	39	9.290 470	40	0.709 530	9.991 880	2	955	
046	9.282 389	39	9.290 510	40	0.709 490	9.991 879	1	954	
		39		40			2		
047	9.282 428		9.290 550		0.709 450	9.991 877		953	
048	9.282 466	38	9.290 591	41	0.709 409	9.991 876	1	952	
049	9.282 505	39	9.290 631	40	0.709 369	9.991 874	2	951	
		39		40			1		
.050	9.282 544		9.290 671		0.709 329	9.991 873		.950	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

79°.000 — 78°.950

11°.050 — 11°.100

11°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.282 544		9.290 671		0.709 329	9.991 873		**.950**	
		39		41			2		
051	9.282 583		9.290 712		0.709 288	9.991 871		949	
052	9.282 622	39	9.290 752	40	0.709 248	9.991 870	1	948	
053	9.282 660	38	9.290 792	40	0.709 208	9.991 868	2	947	
		39		40			1		41
054	9.282 699		9.290 832		0.709 168	9.991 867		946	1 4.1
055	9.282 738	39	9.290 873	41	0.709 127	9.991 865	2	945	2 8.2
056	9.282 777	39	9.290 913	40	0.709 087	9.991 864	1	944	3 12.3
		39		40			2		4 16.4
057	9.282 816		9.290 953		0.709 047	9.991 862		943	5 20.5
058	9.282 854	38	9.290 994	41	0.709 006	9.991 861	1	942	6 24.6
059	9.282 893	39	9.291 034	40	0.708 966	9.991 859	2	941	7 28.7
		39		40			1		8 32.8
.060	9.282 932		9.291 074		0.708 926	9.991 858		**.940**	9 36.9
		39		40			2		
061	9.282 971		9.291 114		0.708 886	9.991 856		939	
062	9.283 010	39	9.291 155	41	0.708 845	9.991 855	1	938	
063	9.283 048	38	9.291 195	40	0.708 805	9.991 853	2	937	
		39		40			1		
064	9.283 087		9.291 235		0.708 765	9.991 852		936	
065	9.283 126	39	9.291 275	40	0.708 725	9.991 851	1	935	
066	9.283 165	39	9.291 316	41	0.708 684	9.991 849	2	934	40
		38		40			1		1 4.0
067	9.283 203		9.291 356		0.708 644	9.991 848		933	2 8.0
068	9.283 242	39	9.291 396	40	0.708 604	9.991 846	2	932	3 12.0
069	9.283 281	39	9.291 436	40	0.708 564	9.991 845	1	931	4 16.0
		39		41			2		5 20.0
.070	9.283 320		9.291 477		0.708 523	9.991 843		**.930**	6 24.0
		38		40			1		7 28.0
071	9.283 358		9.291 517		0.708 483	9.991 842		929	8 32.0
072	9.283 397	39	9.291 557	40	0.708 443	9.991 840	2	928	9 36.0
073	9.283 436	39	9.291 597	40	0.708 403	9.991 839	1	927	
		39		40			2		
074	9.283 475		9.291 637		0.708 363	9.991 837		926	
075	9.283 513	38	9.291 678	41	0.708 322	9.991 836	1	925	
076	9.283 552	39	9.291 718	40	0.708 282	9.991 834	2	924	
		39		40			1		39
077	9.283 591		9.291 758		0.708 242	9.991 833		923	1 3.9
078	9.283 629	38	9.291 798	40	0.708 202	9.991 831	2	922	2 7.8
079	9.283 668	39	9.291 838	40	0.708 162	9.991 830	1	921	3 11.7
		39		41			2		4 15.6
.080	9.283 707		9.291 879		0.708 121	9.991 828		**.920**	5 19.5
		39		40			1		6 23.4
081	9.283 746		9.291 919		0.708 081	9.991 827		919	7 27.3
082	9.283 784	38	9.291 959	40	0.708 041	9.991 825	2	918	8 31.2
083	9.283 823	39	9.291 999	40	0.708 001	9.991 824	1	917	9 35.1
		39		40			2		
084	9.283 862		9.292 039		0.707 961	9.991 822		916	
085	9.283 900	38	9.292 080	41	0.707 920	9.991 821	1	915	
086	9.283 939	39	9.292 120	40	0.707 880	9.991 819	2	914	
		39		40			1		38
087	9.283 978		9.292 160		0.707 840	9.991 818		913	1 3.8
088	9.284 016	38	9.292 200	40	0.707 800	9.991 816	2	912	2 7.6
089	9.284 055	39	9.292 240	40	0.707 760	9.991 815	1	911	3 11.4
		39		40			2		4 15.2
.090	9.284 094		9.292 280		0.707 720	9.991 813		**.910**	5 19.0
		38		40			1		6 22.8
091	9.284 132		9.292 320		0.707 680	9.991 812		909	7 26.6
092	9.284 171	39	9.292 361	41	0.707 639	9.991 810	2	908	8 30.4
093	9.284 210	39	9.292 401	40	0.707 599	9.991 809	1	907	9 34.2
		38		40			2		
094	9.284 248		9.292 441		0.707 559	9.991 807		906	
095	9.284 287	39	9.292 481	40	0.707 519	9.991 806	1	905	
096	9.284 326	39	9.292 521	40	0.707 479	9.991 804	2	904	
		38		40			1		
097	9.284 364		9.292 561		0.707 439	9.991 803		903	
098	9.284 403	39	9.292 601	40	0.707 399	9.991 802	1	902	
099	9.284 442	39	9.292 642	41	0.707 358	9.991 800	2	901	
		38		40			1		
.100	9.284 480		9.292 682		0.707 318	9.991 799		**.900**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

78°.950 — 78°.900

11°.100 — 11°.150

11°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.284 480		9.292 682		0.707 318	9.991 799		.900	
		39		40			2		
101	9.284 519		9.292 722		0.707 278	9.991 797		899	
102	9.284 558	39	9.292 762	40	0.707 238	9.991 796	1	898	
103	9.284 596	38	9.292 802	40	0.707 198	9.991 794	2	897	
		39		40			1		41
104	9.284 635		9.292 842		0.707 158	9.991 793		896	1 4.1
105	9.284 673	38	9.292 882	40	0.707 118	9.991 791	2	895	2 8.2
106	9.284 712	39	9.292 922	40	0.707 078	9.991 790	1	894	3 12.3
		39		41			2		4 16.4
107	9.284 751		9.292 963		0.707 037	9.991 788		893	5 20.5
108	9.284 789	38	9.293 003	40	0.706 997	9.991 787	1	892	6 24.6
109	9.284 828	39	9.293 043	40	0.706 957	9.991 785	2	891	7 28.7
		38		40			1		8 32.8
.110	9.284 866		9.293 083		0.706 917	9.991 784		.890	9 36.9
		39		40			2		
111	9.284 905		9.293 123		0.706 877	9.991 782		889	
112	9.284 944	39	9.293 163	40	0.706 837	9.991 781	1	888	
113	9.284 982	38	9.293 203	40	0.706 797	9.991 779	2	887	
		39		40			1		
114	9.285 021		9.293 243		0.706 757	9.991 778		886	
115	9.285 059	38	9.293 283	40	0.706 717	9.991 776	2	885	40
116	9.285 098	39	9.293 323	40	0.706 677	9.991 775	1	884	1 4.0
		39		40			2		2 8.0
117	9.285 137		9.293 363		0.706 637	9.991 773		883	3 12.0
118	9.285 175	38	9.293 403	40	0.706 597	9.991 772	1	882	4 16.0
119	9.285 214	39	9.293 443	40	0.706 557	9.991 770	2	881	5 20.0
		38		40			1		6 24.0
.120	9.285 252		9.293 483		0.706 517	9.991 769		.880	7 28.0
		39		41			2		8 32.0
121	9.285 291		9.293 524		0.706 476	9.991 767		879	9 36.0
122	9.285 329	38	9.293 564	40	0.706 436	9.991 766	1	878	
123	9.285 368	39	9.293 604	40	0.706 396	9.991 764	2	877	
		39		40			1		
124	9.285 407		9.293 644		0.706 356	9.991 763		876	
125	9.285 445	38	9.293 684	40	0.706 316	9.991 761	2	875	
126	9.285 484	39	9.293 724	40	0.706 276	9.991 760	1	874	
		38		40			2		
127	9.285 522		9.293 764		0.706 236	9.991 758		873	39
128	9.285 561	39	9.293 804	40	0.706 196	9.991 757	1	872	
129	9.285 599	38	9.293 844	40	0.706 156	9.991 755	2	871	1 3.9
		39		40			1		2 7.8
.130	9.285 638		9.293 884		0.706 116	9.991 754		.870	3 11.7
		38		40			2		4 15.6
131	9.285 676		9.293 924		0.706 076	9.991 752		869	5 19.5
132	9.285 715	39	9.293 964	40	0.706 036	9.991 751	1	868	6 23.4
133	9.285 753	38	9.294 004	40	0.705 996	9.991 749	2	867	7 27.3
		39		40			1		8 31.2
134	9.285 792		9.294 044		0.705 956	9.991 748		866	9 35.1
135	9.285 830	38	9.294 084	40	0.705 916	9.991 746	2	865	
136	9.285 869	39	9.294 124	40	0.705 876	9.991 745	1	864	
		38		40			2		
137	9.285 907		9.294 164		0.705 836	9.991 743		863	
138	9.285 946	39	9.294 204	40	0.705 796	9.991 742	1	862	
139	9.285 984	38	9.294 244	40	0.705 756	9.991 740	2	861	38
		39		40			1		
.140	9.286 023		9.294 284		0.705 716	9.991 739		.860	1 3.8
		38		40			2		2 7.6
141	9.286 061		9.294 324		0.705 676	9.991 737		859	3 11.4
142	9.286 100	39	9.294 364	40	0.705 636	9.991 736	1	858	4 15.2
143	9.286 138	38	9.294 404	40	0.705 596	9.991 734	2	857	5 19.0
		39		40			1		6 22.8
144	9.286 177		9.294 444		0.705 556	9.991 733		856	7 26.6
145	9.286 215	38	9.294 484	40	0.705 516	9.991 731	2	855	8 30.4
146	9.286 254	39	9.294 524	40	0.705 476	9.991 730	1	854	9 34.2
		38		40			1		
147	9.286 292		9.294 564		0.705 436	9.991 729		853	
148	9.286 331	39	9.294 604	40	0.705 396	9.991 727	2	852	
149	9.286 369	38	9.294 644	40	0.705 356	9.991 726	1	851	
		39		40			2		
.150	9.286 408		9.294 684		0.705 316	9.991 724		.850	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.900 — 78°.850

11°.150 — 11°.200

11°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.286 408		9.294 684		0.705 316	9.991 724		.850	
		38		40			1		
151	9.286 446		9.294 724		0.705 276	9.991 723		849	
152	9.286 484	38	9.294 763	39	0.705 237	9.991 721	2	848	
153	9.286 523	39	9.294 803	40	0.705 197	9.991 720	1	847	
		38		40			2		
154	9.286 561		9.294 843		0.705 157	9.991 718		846	
155	9.286 600	39	9.294 883	40	0.705 117	9.991 717	1	845	
156	9.286 638	38	9.294 923	40	0.705 077	9.991 715	2	844	
		39		40			1		
157	9.286 677		9.294 963		0.705 037	9.991 714		843	
158	9.286 715	38	9.295 003	40	0.704 997	9.991 712	2	842	
159	9.286 754	39	9.295 043	40	0.704 957	9.991 711	1	841	
		38		40			2		
.160	9.286 792		9.295 083		0.704 917	9.991 709		.840	
		38		40			1		
161	9.286 830		9.295 123		0.704 877	9.991 708		839	
162	9.286 869	39	9.295 163	40	0.704 837	9.991 706	2	838	
163	9.286 907	38	9.295 203	40	0.704 797	9.991 705	1	837	
		39		40			2		
164	9.286 946		9.295 243		0.704 757	9.991 703		836	
165	9.286 984	38	9.295 282	39	0.704 718	9.991 702	1	835	
166	9.287 022	38	9.295 322	40	0.704 678	9.991 700	2	834	
		39		40			1		
167	9.287 061		9.295 362		0.704 638	9.991 699		833	
168	9.287 099	38	9.295 402	40	0.704 598	9.991 697	2	832	
169	9.287 138	39	9.295 442	40	0.704 558	9.991 696	1	831	
		38		40			2		
.170	9.287 176		9.295 482		0.704 518	9.991 694		.830	
		38		40			1		
171	9.287 214		9.295 522		0.704 478	9.991 693		829	
172	9.287 253	39	9.295 562	40	0.704 438	9.991 691	2	828	
173	9.287 291	38	9.295 602	40	0.704 398	9.991 690	1	827	
		39		39			2		
174	9.287 330		9.295 641		0.704 359	9.991 688		826	
175	9.287 368	38	9.295 681	40	0.704 319	9.991 687	1	825	
176	9.287 406	38	9.295 721	40	0.704 279	9.991 685	2	824	
		39		40			1		
177	9.287 445		9.295 761		0.704 239	9.991 684		823	
178	9.287 483	38	9.295 801	40	0.704 199	9.991 682	2	822	
179	9.287 521	38	9.295 841	40	0.704 159	9.991 681	1	821	
		39		40			2		
.180	9.287 560		9.295 881		0.704 119	9.991 679		.820	
		38		39			1		
181	9.287 598		9.295 920		0.704 080	9.991 678		819	
182	9.287 636	38	9.295 960	40	0.704 040	9.991 676	2	818	
183	9.287 675	39	9.296 000	40	0.704 000	9.991 675	1	817	
		38		40			2		
184	9.287 713		9.296 040		0.703 960	9.991 673		816	
185	9.287 751	38	9.296 080	40	0.703 920	9.991 672	1	815	
186	9.287 790	39	9.296 120	40	0.703 880	9.991 670	2	814	
		38		39			1		
187	9.287 828		9.296 159		0.703 841	9.991 669		813	
188	9.287 866	38	9.296 199	40	0.703 801	9.991 667	2	812	
189	9.287 905	39	9.296 239	40	0.703 761	9.991 666	1	811	
		38		40			2		
.190	9.287 943		9.296 279		0.703 721	9.991 664		.810	
		38		40			1		
191	9.287 981		9.296 319		0.703 681	9.991 663		809	
192	9.288 020	39	9.296 359	40	0.703 641	9.991 661	2	808	
193	9.288 058	38	9.296 398	39	0.703 602	9.991 660	1	807	
		38		40			2		
194	9.288 096		9.296 438		0.703 562	9.991 658		806	
195	9.288 135	39	9.296 478	40	0.703 522	9.991 657	1	805	
196	9.288 173	38	9.296 518	40	0.703 482	9.991 655	2	804	
		38		40			1		
197	9.288 211		9.296 558		0.703 442	9.991 654		803	
198	9.288 249	38	9.296 597	39	0.703 403	9.991 652	2	802	
199	9.288 288	39	9.296 637	40	0.703 363	9.991 651	1	801	
		38		40			2		
.200	9.288 326		9.296 677		0.703 323	9.991 649		.800	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

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3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

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2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

78°.850 — 78°.800

11°.200 — 11°.250

11°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.288 326		9.296 677		0.703 323	9.991 649		**.800**	
		38		40			1		
201	9.288 364		9.296 717		0.703 283	9.991 648		799	
		39		39			2		
202	9.288 403		9.296 756		0.703 244	9.991 646		798	
		38		40			1		
203	9.288 441		9.296 796		0.703 204	9.991 645		797	
		38		40			2		
204	9.288 479		9.296 836		0.703 164	9.991 643		796	
		38		40			1		
205	9.288 517		9.296 876		0.703 124	9.991 642		795	
		39		40			2		
206	9.288 556		9.296 916		0.703 084	9.991 640		794	
		38		39			1		
207	9.288 594		9.296 955		0.703 045	9.991 639		793	
		38		40			2		
208	9.288 632		9.296 995		0.703 005	9.991 637		792	
		38		40			1		
209	9.288 670		9.297 035		0.702 965	9.991 636		791	
		39		40			2		
.210	9.288 709		9.297 075		0.702 925	9.991 634		**.790**	
		38		39			1		
211	9.288 747		9.297 114		0.702 886	9.991 633		789	
		38		40			2		
212	9.288 785		9.297 154		0.702 846	9.991 631		788	
		38		40			1		
213	9.288 823		9.297 194		0.702 806	9.991 630		787	
		39		40			2		
214	9.288 862		9.297 234		0.702 766	9.991 628		786	
		38		39			1		
215	9.288 900		9.297 273		0.702 727	9.991 627		785	
		38		40			2		
216	9.288 938		9.297 313		0.702 687	9.991 625		784	
		38		40			1		
217	9.288 976		9.297 353		0.702 647	9.991 624		783	
		39		39			2		
218	9.289 015		9.297 392		0.702 608	9.991 622		782	
		38		40			1		
219	9.289 053		9.297 432		0.702 568	9.991 621		781	
		38		40			2		
.220	9.289 091		9.297 472		0.702 528	9.991 619		**.780**	
		38		40			1		
221	9.289 129		9.297 512		0.702 488	9.991 618		779	
		38		39			2		
222	9.289 167		9.297 551		0.702 449	9.991 616		778	
		39		40			1		
223	9.289 206		9.297 591		0.702 409	9.991 615		777	
		38		40			2		
224	9.289 244		9.297 631		0.702 369	9.991 613		776	
		38		39			1		
225	9.289 282		9.297 670		0.702 330	9.991 612		775	
		38		40			2		
226	9.289 320		9.297 710		0.702 290	9.991 610		774	
		38		40			1		
227	9.289 358		9.297 750		0.702 250	9.991 609		773	
		39		39			2		
228	9.289 397		9.297 789		0.702 211	9.991 607		772	
		38		40			1		
229	9.289 435		9.297 829		0.702 171	9.991 606		771	
		38		40			2		
.230	9.289 473		9.297 869		0.702 131	9.991 604		**.770**	
		38		40			1		
231	9.289 511		9.297 909		0.702 091	9.991 603		769	
		38		39			2		
232	9.289 549		9.297 948		0.702 052	9.991 601		768	
		38		40			1		
233	9.289 587		9.297 988		0.702 012	9.991 600		767	
		39		40			2		
234	9.289 626		9.298 028		0.701 972	9.991 598		766	
		38		39			1		
235	9.289 664		9.298 067		0.701 933	9.991 597		765	
		38		40			2		
236	9.289 702		9.298 107		0.701 893	9.991 595		764	
		38		40			1		
237	9.289 740		9.298 147		0.701 853	9.991 594		763	
		38		39			2		
238	9.289 778		9.298 186		0.701 814	9.991 592		762	
		38		40			1		
239	9.289 816		9.298 226		0.701 774	9.991 591		761	
		38		39			2		
.240	9.289 854		9.298 265		0.701 735	9.991 589		**.760**	
		39		40			1		
241	9.289 893		9.298 305		0.701 695	9.991 588		759	
		38		40			2		
242	9.289 931		9.298 345		0.701 655	9.991 586		758	
		38		39			2		
243	9.289 969		9.298 384		0.701 616	9.991 584		757	
		38		40			1		
244	9.290 007		9.298 424		0.701 576	9.991 583		756	
		38		40			2		
245	9.290 045		9.298 464		0.701 536	9.991 581		755	
		38		39			1		
246	9.290 083		9.298 503		0.701 497	9.991 580		754	
		38		40			2		
247	9.290 121		9.298 543		0.701 457	9.991 578		753	
		39		40			1		
248	9.290 160		9.298 583		0.701 417	9.991 577		752	
		38		39			2		
249	9.290 198		9.298 622		0.701 378	9.991 575		751	
		38		40			1		
.250	9.290 236		9.298 662		0.701 338	9.991 574		**.750**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

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1	4.0
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6	24.0
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9	36.0

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6	23.4
7	27.3
8	31.2
9	35.1

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1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

78°.800 — 78°.750

$11^\circ.250 - 11^\circ.300$

11°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.290 236		9.298 662		0.701 338	9.991 574		**.750**	
		38		39			2		
251	9.290 274		9.298 701		0.701 299	9.991 572		749	
		38		40			1		
252	9.290 312		9.298 741		0.701 259	9.991 571		748	
		38		40			2		
253	9.290 350		9.298 781		0.701 219	9.991 569		747	
		38		39			1		
254	9.290 388		9.298 820		0.701 180	9.991 568		746	
		38		40			2		
255	9.290 426		9.298 860		0.701 140	9.991 566		745	
		38		39			1		
256	9.290 464		9.298 899		0.701 101	9.991 565		744	
		38		40			2		
257	9.290 502		9.298 939		0.701 061	9.991 563		743	
		38		40			1		
258	9.290 540		9.298 979		0.701 021	9.991 562		742	
		39		39			2		
259	9.290 579		9.299 018		0.700 982	9.991 560		741	
		38		40			1		
.260	9.290 617		9.299 058		0.700 942	9.991 559		**.740**	
		38		39			2		
261	9.290 655		9.299 097		0.700 903	9.991 557		739	
		38		40			1		
262	9.290 693		9.299 137		0.700 863	9.991 556		738	
		38		39			2		
263	9.290 731		9.299 176		0.700 824	9.991 554		737	
		38		40			1		
264	9.290 769		9.299 216		0.700 784	9.991 553		736	
		38		40			2		
265	9.290 807		9.299 256		0.700 744	9.991 551		735	
		38		39			1		
266	9.290 845		9.299 295		0.700 705	9.991 550		734	
		38		40			2		
267	9.290 883		9.299 335		0.700 665	9.991 548		733	
		38		39			1		
268	9.290 921		9.299 374		0.700 626	9.991 547		732	
		38		40			2		
269	9.290 959		9.299 414		0.700 586	9.991 545		731	
		38		39			1		
.270	9.290 997		9.299 453		0.700 547	9.991 544		**.730**	
		38		40			2		
271	9.291 035		9.299 493		0.700 507	9.991 542		729	
		38		39			1		
272	9.291 073		9.299 532		0.700 468	9.991 541		728	
		38		40			2		
273	9.291 111		9.299 572		0.700 428	9.991 539		727	
		38		40			1		
274	9.291 149		9.299 612		0.700 388	9.991 538		726	
		38		39			2		
275	9.291 187		9.299 651		0.700 349	9.991 536		725	
		38		40			1		
276	9.291 225		9.299 691		0.700 309	9.991 535		724	
		38		39			2		
277	9.291 263		9.299 730		0.700 270	9.991 533		723	
		38		40			1		
278	9.291 301		9.299 770		0.700 230	9.991 532		722	
		38		39			2		
279	9.291 339		9.299 809		0.700 191	9.991 530		721	
		38		40			1		
.280	9.291 377		9.299 849		0.700 151	9.991 529		**.720**	
		38		39			2		
281	9.291 415		9.299 888		0.700 112	9.991 527		719	
		38		40			1		
282	9.291 453		9.299 928		0.700 072	9.991 526		718	
		38		39			2		
283	9.291 491		9.299 967		0.700 033	9.991 524		717	
		38		40			1		
284	9.291 529		9.300 007		0.699 993	9.991 523		716	
		38		39			2		
285	9.291 567		9.300 046		0.699 954	9.991 521		715	
		38		40			1		
286	9.291 605		9.300 086		0.699 914	9.991 520		714	
		38		39			2		
287	9.291 643		9.300 125		0.699 875	9.991 518		713	
		38		40			1		
288	9.291 681		9.300 165		0.699 835	9.991 517		712	
		38		39			2		
289	9.291 719		9.300 204		0.699 796	9.991 515		711	
		38		40			1		
.290	9.291 757		9.300 244		0.699 756	9.991 514		**.710**	
		38		39			2		
291	9.291 795		9.300 283		0.699 717	9.991 512		709	
		38		40			2		
292	9.291 833		9.300 323		0.699 677	9.991 510		708	
		38		39			1		
293	9.291 871		9.300 362		0.699 638	9.991 509		707	
		38		40			2		
294	9.291 909		9.300 402		0.699 598	9.991 507		706	
		38		39			1		
295	9.291 947		9.300 441		0.699 559	9.991 506		705	
		38		40			2		
296	9.291 985		9.300 481		0.699 519	9.991 504		704	
		38		39			1		
297	9.292 023		9.300 520		0.699 480	9.991 503		703	
		38		39			2		
298	9.292 061		9.300 559		0.699 441	9.991 501		702	
		38		40			1		
299	9.292 099		9.300 599		0.699 401	9.991 500		701	
		38		39			2		
.300	9.292 137		9.300 638		0.699 362	9.991 498		**.700**	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

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5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

$78^\circ.750 - 78^\circ.700$

11°.300 — 11°.350

11°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.292 137		9.300 638		0.699 362	9.991 498		.700	
		38		40			1		
301	9.292 175		9.300 678		0.699 322	9.991 497		699	
302	9.292 213	38	9.300 717	39	0.699 283	9.991 495	2	698	
303	9.292 251	38	9.300 757	40	0.699 243	9.991 494	1	697	
		37		39			2		
304	9.292 288		9.300 796		0.699 204	9.991 492		696	
305	9.292 326	38	9.300 836	40	0.699 164	9.991 491	1	695	
306	9.292 364	38	9.300 875	39	0.699 125	9.991 489	2	694	
		38		39			1		
307	9.292 402		9.300 914		0.699 086	9.991 488		693	
308	9.292 440	38	9.300 954	40	0.699 046	9.991 486	2	692	
309	9.292 478	38	9.300 993	39	0.699 007	9.991 485	1	691	
		38		40			2		
.310	9.292 516		9.301 033		0.698 967	9.991 483		.690	
		38		39			1		
311	9.292 554		9.301 072		0.698 928	9.991 482		689	
312	9.292 592	38	9.301 111	39	0.698 889	9.991 480	2	688	
313	9.292 630	38	9.301 151	40	0.698 849	9.991 479	1	687	
		37		39			2		
314	9.292 667		9.301 190		0.698 810	9.991 477		686	
315	9.292 705	38	9.301 230	40	0.698 770	9.991 476	1	685	
316	9.292 743	38	9.301 269	39	0.698 731	9.991 474	2	684	
		38		39			1		
317	9.292 781		9.301 308		0.698 692	9.991 473		683	
318	9.292 819	38	9.301 348	40	0.698 652	9.991 471	2	682	
319	9.292 857	38	9.301 387	39	0.698 613	9.991 470	1	681	
		38		40			2		
.320	9.292 895		9.301 427		0.698 573	9.991 468		.680	
		38		39			1		
321	9.292 933		9.301 466		0.698 534	9.991 467		679	
322	9.292 970	37	9.301 505	39	0.698 495	9.991 465	2	678	
323	9.293 008	38	9.301 545	40	0.698 455	9.991 464	1	677	
		38		39			2		
324	9.293 046		9.301 584		0.698 416	9.991 462		676	
325	9.293 084	38	9.301 624	40	0.698 376	9.991 460	2	675	
326	9.293 122	38	9.301 663	39	0.698 337	9.991 459	1	674	
		38		39			2		
327	9.293 160		9.301 702		0.698 298	9.991 457		673	
328	9.293 198	38	9.301 742	40	0.698 258	9.991 456	1	672	
329	9.293 235	37	9.301 781	39	0.698 219	9.991 454	2	671	
		38		39			1		
.330	9.293 273		9.301 820		0.698 180	9.991 453		.670	
		38		40			2		
331	9.293 311		9.301 860		0.698 140	9.991 451		669	
332	9.293 349	38	9.301 899	39	0.698 101	9.991 450	1	668	
333	9.293 387	38	9.301 938	39	0.698 062	9.991 448	2	667	
		37		40			1		
334	9.293 424		9.301 978		0.698 022	9.991 447		666	
335	9.293 462	38	9.302 017	39	0.697 983	9.991 445	2	665	
336	9.293 500	38	9.302 056	39	0.697 944	9.991 444	1	664	
		38		40			2		
337	9.293 538		9.302 096		0.697 904	9.991 442		663	
338	9.293 576	38	9.302 135	39	0.697 865	9.991 441	1	662	
339	9.293 614	38	9.302 174	39	0.697 826	9.991 439	2	661	
		37		40			1		
.340	9.293 651		9.302 214		0.697 786	9.991 438		.660	
		38		39			2		
341	9.293 689		9.302 253		0.697 747	9.991 436		659	
342	9.293 727	38	9.302 292	39	0.697 708	9.991 435	1	658	
343	9.293 765	38	9.302 332	40	0.697 668	9.991 433	2	657	
		37		39			1		
344	9.293 802		9.302 371		0.697 629	9.991 432		656	
345	9.293 840	38	9.302 410	39	0.697 590	9.991 430	2	655	
346	9.293 878	38	9.302 449	39	0.697 551	9.991 429	1	654	
		38		40			2		
347	9.293 916		9.302 489		0.697 511	9.991 427		653	
348	9.293 954	38	9.302 528	39	0.697 472	9.991 426	1	652	
349	9.293 991	37	9.302 567	39	0.697 433	9.991 424	2	651	
		38		40			2		
.350	9.294 029		9.302 607		0.697 393	9.991 422		.650	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

78°.700 — 78°.650

$11^\circ.350 - 11^\circ.400$

11°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.294 029		9.302 607		0.697 393	9.991 422		.650	
		38		39			1		
351	9.294 067		9.302 646		0.697 354	9.991 421		649	
		38		39			2		
352	9.294 105		9.302 685		0.697 315	9.991 419		648	
		37		39			1		
353	9.294 142		9.302 724		0.697 276	9.991 418		647	
		38		40			2		
354	9.294 180		9.302 764		0.697 236	9.991 416		646	
		38		39			1		
355	9.294 218		9.302 803		0.697 197	9.991 415		645	
		38		39			2		
356	9.294 256		9.302 842		0.697 158	9.991 413		644	
		37		40			1		
357	9.294 293		9.302 882		0.697 118	9.991 412		643	
		38		39			2		
358	9.294 331		9.302 921		0.697 079	9.991 410		642	
		38		39			1		
359	9.294 369		9.302 960		0.697 040	9.991 409		641	
		38		39			2		
.360	9.294 407		9.302 999		0.697 001	9.991 407		.640	
		37		40			1		
361	9.294 444		9.303 039		0.696 961	9.991 406		639	
		38		39			2		
362	9.294 482		9.303 078		0.696 922	9.991 404		638	
		38		39			1		
363	9.294 520		9.303 117		0.696 883	9.991 403		637	
		37		39			2		
364	9.294 557		9.303 156		0.696 844	9.991 401		636	
		38		40			1		
365	9.294 595		9.303 196		0.696 804	9.991 400		635	
		38		39			2		
366	9.294 633		9.303 235		0.696 765	9.991 398		634	
		38		39			1		
367	9.294 671		9.303 274		0.696 726	9.991 397		633	
		37		39			2		
368	9.294 708		9.303 313		0.696 687	9.991 395		632	
		38		39			1		
369	9.294 746		9.303 352		0.696 648	9.991 394		631	
		38		40			2		
.370	9.294 784		9.303 392		0.696 608	9.991 392		.630	
		37		39			2		
371	9.294 821		9.303 431		0.696 569	9.991 390		629	
		38		39			1		
372	9.294 859		9.303 470		0.696 530	9.991 389		628	
		38		39			2		
373	9.294 897		9.303 509		0.696 491	9.991 387		627	
		37		39			1		
374	9.294 934		9.303 548		0.696 452	9.991 386		626	
		38		40			2		
375	9.294 972		9.303 588		0.696 412	9.991 384		625	
		38		39			1		
376	9.295 010		9.303 627		0.696 373	9.991 383		624	
		37		39			2		
377	9.295 047		9.303 666		0.696 334	9.991 381		623	
		38		39			1		
378	9.295 085		9.303 705		0.696 295	9.991 380		622	
		38		39			2		
379	9.295 123		9.303 744		0.696 256	9.991 378		621	
		37		40			1		
.380	9.295 160		9.303 784		0.696 216	9.991 377		.620	
		38		39			2		
381	9.295 198		9.303 823		0.696 177	9.991 375		619	
		38		39			1		
382	9.295 236		9.303 862		0.696 138	9.991 374		618	
		37		39			2		
383	9.295 273		9.303 901		0.696 099	9.991 372		617	
		38		39			1		
384	9.295 311		9.303 940		0.696 060	9.991 371		616	
		38		40			2		
385	9.295 349		9.303 980		0.696 020	9.991 369		615	
		37		39			1		
386	9.295 386		9.304 019		0.695 981	9.991 368		614	
		38		39			2		
387	9.295 424		9.304 058		0.695 942	9.991 366		613	
		38		39			1		
388	9.295 462		9.304 097		0.695 903	9.991 365		612	
		37		39			2		
389	9.295 499		9.304 136		0.695 864	9.991 363		611	
		38		39			1		
.390	9.295 537		9.304 175		0.695 825	9.991 362		.610	
		37		40			2		
391	9.295 574		9.304 215		0.695 785	9.991 360		609	
		38		39			2		
392	9.295 612		9.304 254		0.695 746	9.991 358		608	
		38		39			1		
393	9.295 650		9.304 293		0.695 707	9.991 357		607	
		37		39			2		
394	9.295 687		9.304 332		0.695 668	9.991 355		606	
		38		39			1		
395	9.295 725		9.304 371		0.695 629	9.991 354		605	
		38		39			2		
396	9.295 763		9.304 410		0.695 590	9.991 352		604	
		37		39			1		
397	9.295 800		9.304 449		0.695 551	9.991 351		603	
		38		39			2		
398	9.295 838		9.304 488		0.695 512	9.991 349		602	
		37		40			1		
399	9.295 875		9.304 528		0.695 472	9.991 348		601	
		38		39			2		
.400	9.295 913		9.304 567		0.695 433	9.991 346		.600	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

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1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

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2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

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1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

$78^\circ.650 - 78^\circ.600$

11°.400 — 11°.450

11°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.295 913		9.304 567		0.695 433	9.991 346		.600	
		38		39			1		
401	9.295 951		9.304 606		0.695 394	9.991 345		599	
402	9.295 988	37	9.304 645	39	0.695 355	9.991 343	2	598	
403	9.296 026	38	9.304 684	39	0.695 316	9.991 342	1	597	
		37		39			2		
404	9.296 063		9.304 723		0.695 277	9.991 340		596	
405	9.296 101	38	9.304 762	39	0.695 238	9.991 339	1	595	
406	9.296 138	37	9.304 801	39	0.695 199	9.991 337	2	594	
		38		39			1		
407	9.296 176		9.304 840		0.695 160	9.991 336		593	
408	9.296 214	38	9.304 880	40	0.695 120	9.991 334	2	592	
409	9.296 251	37	9.304 919	39	0.695 081	9.991 332	2	591	
		38		39			1		
.410	9.296 289		9.304 958		0.695 042	9.991 331		.590	
		37		39			2		
411	9.296 326		9.304 997		0.695 003	9.991 329		589	
412	9.296 364	38	9.305 036	39	0.694 964	9.991 328	1	588	
413	9.296 401	37	9.305 075	39	0.694 925	9.991 326	2	587	
		38		39			1		
414	9.296 439		9.305 114		0.694 886	9.991 325		586	
415	9.296 476	37	9.305 153	39	0.694 847	9.991 323	2	585	
416	9.296 514	38	9.305 192	39	0.694 808	9.991 322	1	584	
		38		39			2		
417	9.296 552		9.305 231		0.694 769	9.991 320		583	
418	9.296 589	37	9.305 270	39	0.694 730	9.991 319	1	582	
419	9.296 627	38	9.305 309	39	0.694 691	9.991 317	2	581	
		37		39			1		
.420	9.296 664		9.305 348		0.694 652	9.991 316		.580	
		38		40			2		
421	9.296 702		9.305 388		0.694 612	9.991 314		579	
422	9.296 739	37	9.305 427	39	0.694 573	9.991 313	1	578	
423	9.296 777	38	9.305 466	39	0.694 534	9.991 311	2	577	
		37		39			1		
424	9.296 814		9.305 505		0.694 495	9.991 310		576	
425	9.296 852	38	9.305 544	39	0.694 456	9.991 308	2	575	
426	9.296 889	37	9.305 583	39	0.694 417	9.991 306	2	574	
		38		39			1		
427	9.296 927		9.305 622		0.694 378	9.991 305		573	
428	9.296 964	37	9.305 661	39	0.694 339	9.991 303	2	572	
429	9.297 002	38	9.305 700	39	0.694 300	9.991 302	1	571	
		37		39			2		
.430	9.297 039		9.305 739		0.694 261	9.991 300		.570	
		38		39			1		
431	9.297 077		9.305 778		0.694 222	9.991 299		569	
432	9.297 114	37	9.305 817	39	0.694 183	9.991 297	2	568	
433	9.297 152	38	9.305 856	39	0.694 144	9.991 296	1	567	
		37		39			2		
434	9.297 189		9.305 895		0.694 105	9.991 294		566	
435	9.297 227	38	9.305 934	39	0.694 066	9.991 293	1	565	
436	9.297 264	37	9.305 973	39	0.694 027	9.991 291	2	564	
		38		39			1		
437	9.297 302		9.306 012		0.693 988	9.991 290		563	
438	9.297 339	37	9.306 051	39	0.693 949	9.991 288	2	562	
439	9.297 376	37	9.306 090	39	0.693 910	9.991 287	1	561	
		38		39			2		
.440	9.297 414		9.306 129		0.693 871	9.991 285		.560	
		37		39			2		
441	9.297 451		9.306 168		0.693 832	9.991 283		559	
442	9.297 489	38	9.306 207	39	0.693 793	9.991 282	1	558	
443	9.297 526	37	9.306 246	39	0.693 754	9.991 280	2	557	
		38		39			1		
444	9.297 564		9.306 285		0.693 715	9.991 279		556	
445	9.297 601	37	9.306 324	39	0.693 676	9.991 277	2	555	
446	9.297 639	38	9.306 363	39	0.693 637	9.991 276	1	554	
		37		39			2		
447	9.297 676		9.306 402		0.693 598	9.991 274		553	
448	9.297 713	37	9.306 441	39	0.693 559	9.991 273	1	552	
449	9.297 751	38	9.306 480	39	0.693 520	9.991 271	2	551	
		37		39			1		
.450	9.297 788		9.306 519		0.693 481	9.991 270		.550	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

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1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

78°.600 — 78°.550

$11^\circ.450 - 11^\circ.500$

11°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.297 788		9.306 519		0.693 481	9.991 270		**.550**	
		38		39			2		
451	9.297 826		9.306 558		0.693 442	9.991 268		549	
		37		39			1		
452	9.297 863		9.306 597		0.693 403	9.991 267		548	
		38		39			2		
453	9.297 901		9.306 636		0.693 364	9.991 265		547	
		37		38			2		
454	9.297 938		9.306 674		0.693 326	9.991 263		546	
		37		39			1		
455	9.297 975		9.306 713		0.693 287	9.991 262		545	
		38		39			2		
456	9.298 013		9.306 752		0.693 248	9.991 260		544	
		37		39			1		
457	9.298 050		9.306 791		0.693 209	9.991 259		543	
		38		39			2		
458	9.298 088		9.306 830		0.693 170	9.991 257		542	
		37		39			1		
459	9.298 125		9.306 869		0.693 131	9.991 256		541	
		37		39			2		
.460	9.298 162		9.306 908		0.693 092	9.991 254		**.540**	
		38		39			1		
461	9.298 200		9.306 947		0.693 053	9.991 253		539	
		37		39			2		
462	9.298 237		9.306 986		0.693 014	9.991 251		538	
		38		39			1		
463	9.298 275		9.307 025		0.692 975	9.991 250		537	
		37		39			2		
464	9.298 312		9.307 064		0.692 936	9.991 248		536	
		37		39			1		
465	9.298 349		9.307 103		0.692 897	9.991 247		535	
		38		39			2		
466	9.298 387		9.307 142		0.692 858	9.991 245		534	
		37		39			1		
467	9.298 424		9.307 181		0.692 819	9.991 244		533	
		37		38			2		
468	9.298 461		9.307 219		0.692 781	9.991 242		532	
		38		39			2		
469	9.298 499		9.307 258		0.692 742	9.991 240		531	
		37		39			1		
.470	9.298 536		9.307 297		0.692 703	9.991 239		**.530**	
		37		39			2		
471	9.298 573		9.307 336		0.692 664	9.991 237		529	
		38		39			1		
472	9.298 611		9.307 375		0.692 625	9.991 236		528	
		37		39			2		
473	9.298 648		9.307 414		0.692 586	9.991 234		527	
		38		39			1		
474	9.298 686		9.307 453		0.692 547	9.991 233		526	
		37		39			2		
475	9.298 723		9.307 492		0.692 508	9.991 231		525	
		37		39			1		
476	9.298 760		9.307 531		0.692 469	9.991 230		524	
		38		38			2		
477	9.298 798		9.307 569		0.692 431	9.991 228		523	
		37		39			1		
478	9.298 835		9.307 608		0.692 392	9.991 227		522	
		37		39			2		
479	9.298 872		9.307 647		0.692 353	9.991 225		521	
		38		39			1		
.480	9.298 910		9.307 686		0.692 314	9.991 224		**.520**	
		37		39			2		
481	9.298 947		9.307 725		0.692 275	9.991 222		519	
		37		39			2		
482	9.298 984		9.307 764		0.692 236	9.991 220		518	
		37		39			1		
483	9.299 021		9.307 803		0.692 197	9.991 219		517	
		38		38			2		
484	9.299 059		9.307 841		0.692 159	9.991 217		516	
		37		39			1		
485	9.299 096		9.307 880		0.692 120	9.991 216		515	
		37		39			2		
486	9.299 133		9.307 919		0.692 081	9.991 214		514	
		38		39			1		
487	9.299 171		9.307 958		0.692 042	9.991 213		513	
		37		39			2		
488	9.299 208		9.307 997		0.692 003	9.991 211		512	
		37		39			1		
489	9.299 245		9.308 036		0.691 964	9.991 210		511	
		38		38			2		
.490	9.299 283		9.308 074		0.691 926	9.991 208		**.510**	
		37		39			1		
491	9.299 320		9.308 113		0.691 887	9.991 207		509	
		37		39			2		
492	9.299 357		9.308 152		0.691 848	9.991 205		508	
		37		39			2		
493	9.299 394		9.308 191		0.691 809	9.991 203		507	
		38		39			1		
494	9.299 432		9.308 230		0.691 770	9.991 202		506	
		37		39			2		
495	9.299 469		9.308 269		0.691 731	9.991 200		505	
		37		38			1		
496	9.299 506		9.308 307		0.691 693	9.991 199		504	
		38		39			2		
497	9.299 544		9.308 346		0.691 654	9.991 197		503	
		37		39			1		
498	9.299 581		9.308 385		0.691 615	9.991 196		502	
		37		39			2		
499	9.299 618		9.308 424		0.691 576	9.991 194		501	
		37		39			1		
.500	9.299 655		9.308 463		0.691 537	9.991 193		**.500**	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

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1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

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3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

$78^\circ.550 - 78^\circ.500$

$11^\circ.500 - 11^\circ.550$

11°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.299 655		9.308 463		0.691 537	9.991 193		**.500**	
		38		38			2		
501	9.299 693		9.308 501		0.691 499	9.991 191		499	
502	9.299 730	37	9.308 540	39	0.691 460	9.991 190	1	498	
503	9.299 767	37	9.308 579	39	0.691 421	9.991 188	2	497	
		37		39			1		
504	9.299 804		9.308 618		0.691 382	9.991 187		496	
505	9.299 842	38	9.308 657	39	0.691 343	9.991 185	2	495	
506	9.299 879	37	9.308 695	38	0.691 305	9.991 183	2	494	
		37		39			1		
507	9.299 916		9.308 734		0.691 266	9.991 182		493	
508	9.299 953	37	9.308 773	39	0.691 227	9.991 180	2	492	
509	9.299 990	37	9.308 812	39	0.691 188	9.991 179	1	491	
		38		38			2		
.510	9.300 028		9.308 850		0.691 150	9.991 177		**.490**	
		37		39			1		
511	9.300 065		9.308 889		0.691 111	9.991 176		489	
512	9.300 102	37	9.308 928	39	0.691 072	9.991 174	2	488	
513	9.300 139	37	9.308 967	39	0.691 033	9.991 173	1	487	
		38		38			2		
514	9.300 177		9.309 005		0.690 995	9.991 171		486	
515	9.300 214	37	9.309 044	39	0.690 956	9.991 170	1	485	
516	9.300 251	37	9.309 083	39	0.690 917	9.991 168	2	484	
		37		39			2		
517	9.300 288		9.309 122		0.690 878	9.991 166		483	
518	9.300 325	37	9.309 160	38	0.690 840	9.991 165	1	482	
519	9.300 363	38	9.309 199	39	0.690 801	9.991 163	2	481	
		37		39			1		
.520	9.300 400		9.309 238		0.690 762	9.991 162		**.480**	
		37		39			2		
521	9.300 437		9.309 277		0.690 723	9.991 160		479	
522	9.300 474	37	9.309 315	38	0.690 685	9.991 159	1	478	
523	9.300 511	37	9.309 354	39	0.690 646	9.991 157	2	477	
		38		39			1		
524	9.300 549		9.309 393		0.690 607	9.991 156		476	
525	9.300 586	37	9.309 432	39	0.690 568	9.991 154	2	475	
526	9.300 623	37	9.309 470	38	0.690 530	9.991 153	1	474	
		37		39			2		
527	9.300 660		9.309 509		0.690 491	9.991 151		473	
528	9.300 697	37	9.309 548	39	0.690 452	9.991 149	2	472	
529	9.300 734	37	9.309 586	38	0.690 414	9.991 148	1	471	
		38		39			2		
.530	9.300 772		9.309 625		0.690 375	9.991 146		**.470**	
		37		39			1		
531	9.300 809		9.309 664		0.690 336	9.991 145		469	
532	9.300 846	37	9.309 703	39	0.690 297	9.991 143	2	468	
533	9.300 883	37	9.309 741	38	0.690 259	9.991 142	1	467	
		37		39			2		
534	9.300 920		9.309 780		0.690 220	9.991 140		466	
535	9.300 957	37	9.309 819	39	0.690 181	9.991 139	1	465	
536	9.300 994	37	9.309 857	38	0.690 143	9.991 137	2	464	
		38		39			1		
537	9.301 032		9.309 896		0.690 104	9.991 136		463	
538	9.301 069	37	9.309 935	39	0.690 065	9.991 134	2	462	
539	9.301 106	37	9.309 973	38	0.690 027	9.991 132	2	461	
		37		39			1		
.540	9.301 143		9.310 012		0.689 988	9.991 131		**.460**	
		37		39			2		
541	9.301 180		9.310 051		0.689 949	9.991 129		459	
542	9.301 217	37	9.310 089	38	0.689 911	9.991 128	1	458	
543	9.301 254	37	9.310 128	39	0.689 872	9.991 126	2	457	
		37		39			1		
544	9.301 291		9.310 167		0.689 833	9.991 125		456	
545	9.301 328	37	9.310 205	38	0.689 795	9.991 123	2	455	
546	9.301 366	38	9.310 244	39	0.689 756	9.991 122	1	454	
		37		39			2		
547	9.301 403		9.310 283		0.689 717	9.991 120		453	
548	9.301 440	37	9.310 321	38	0.689 679	9.991 119	1	452	
549	9.301 477	37	9.310 360	39	0.689 640	9.991 117	2	451	
		37		39			2		
.550	9.301 514		9.310 399		0.689 601	9.991 115		**.450**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

$78^\circ.500 - 78^\circ.450$

11°.550 — 11°.600

11°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.301 514		9.310 399		0.689 601	9.991 115		**.450**	
		37		38			1		
551	9.301 551		9.310 437		0.689 563	9.991 114		449	
		37		39			2		
552	9.301 588		9.310 476		0.689 524	9.991 112		448	
		37		38			1		
553	9.301 625		9.310 514		0.689 486	9.991 111		447	
		37		39			2		
554	9.301 662		9.310 553		0.689 447	9.991 109		446	
		37		39			1		
555	9.301 699		9.310 592		0.689 408	9.991 108		445	
		37		38			2		
556	9.301 736		9.310 630		0.689 370	9.991 106		444	
		38		39			1		
557	9.301 774		9.310 669		0.689 331	9.991 105		443	
		37		39			2		
558	9.301 811		9.310 708		0.689 292	9.991 103		442	
		37		38			2		
559	9.301 848		9.310 746		0.689 254	9.991 101		441	
		37		39			1		
.560	9.301 885		9.310 785		0.689 215	9.991 100		**.440**	
		37		38			2		
561	9.301 922		9.310 823		0.689 177	9.991 098		439	
		37		39			1		
562	9.301 959		9.310 862		0.689 138	9.991 097		438	
		37		39			2		
563	9.301 996		9.310 901		0.689 099	9.991 095		437	
		37		38			1		
564	9.302 033		9.310 939		0.689 061	9.991 094		436	
		37		39			2		
565	9.302 070		9.310 978		0.689 022	9.991 092		435	
		37		38			1		
566	9.302 107		9.311 016		0.688 984	9.991 091		434	
		37		39			2		
567	9.302 144		9.311 055		0.688 945	9.991 089		433	
		37		39			1		
568	9.302 181		9.311 094		0.688 906	9.991 088		432	
		37		38			2		
569	9.302 218		9.311 132		0.688 868	9.991 086		431	
		37		39			2		
.570	9.302 255		9.311 171		0.688 829	9.991 084		**.430**	
		37		38			1		
571	9.302 292		9.311 209		0.688 791	9.991 083		429	
		37		39			2		
572	9.302 329		9.311 248		0.688 752	9.991 081		428	
		37		38			1		
573	9.302 366		9.311 286		0.688 714	9.991 080		427	
		37		39			2		
574	9.302 403		9.311 325		0.688 675	9.991 078		426	
		37		39			1		
575	9.302 440		9.311 364		0.688 636	9.991 077		425	
		37		38			2		
576	9.302 477		9.311 402		0.688 598	9.991 075		424	
		37		39			1		
577	9.302 514		9.311 441		0.688 559	9.991 074		423	
		37		38			2		
578	9.302 551		9.311 479		0.688 521	9.991 072		422	
		37		39			2		
579	9.302 588		9.311 518		0.688 482	9.991 070		421	
		37		38			1		
.580	9.302 625		9.311 556		0.688 444	9.991 069		**.420**	
		37		39			2		
581	9.302 662		9.311 595		0.688 405	9.991 067		419	
		37		38			1		
582	9.302 699		9.311 633		0.688 367	9.991 066		418	
		37		39			2		
583	9.302 736		9.311 672		0.688 328	9.991 064		417	
		37		38			1		
584	9.302 773		9.311 710		0.688 290	9.991 063		416	
		37		39			2		
585	9.302 810		9.311 749		0.688 251	9.991 061		415	
		37		39			1		
586	9.302 847		9.311 788		0.688 212	9.991 060		414	
		37		38			2		
587	9.302 884		9.311 826		0.688 174	9.991 058		413	
		37		39			2		
588	9.302 921		9.311 865		0.688 135	9.991 056		412	
		37		38			1		
589	9.302 958		9.311 903		0.688 097	9.991 055		411	
		37		39			2		
.590	9.302 995		9.311 942		0.688 058	9.991 053		**.410**	
		37		38			1		
591	9.303 032		9.311 980		0.688 020	9.991 052		409	
		37		39			2		
592	9.303 069		9.312 019		0.687 981	9.991 050		408	
		37		38			1		
593	9.303 106		9.312 057		0.687 943	9.991 049		407	
		37		39			2		
594	9.303 143		9.312 096		0.687 904	9.991 047		406	
		37		38			1		
595	9.303 180		9.312 134		0.687 866	9.991 046		405	
		37		39			2		
596	9.303 217		9.312 173		0.687 827	9.991 044		404	
		37		38			2		
597	9.303 254		9.312 211		0.687 789	9.991 042		403	
		37		39			1		
598	9.303 291		9.312 250		0.687 750	9.991 041		402	
		36		38			2		
599	9.303 327		9.312 288		0.687 712	9.991 039		401	
		37		39			1		
.600	9.303 364		9.312 327		0.687 673	9.991 038		**.400**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

78°.450 — 78°.400

11°.600 — 11°.650

11°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.303 364		9.312 327		0.687 673	9.991 038		.400	
		37		38			2		
601	9.303 401		9.312 365		0.687 635	9.991 036		399	
602	9.303 438	37	9.312 404	39	0.687 596	9.991 035	1	398	
603	9.303 475	37	9.312 442	38	0.687 558	9.991 033	2	397	
		37		38			1		39
604	9.303 512		9.312 480		0.687 520	9.991 032		396	1 3.9
605	9.303 549	37	9.312 519	39	0.687 481	9.991 030	2	395	2 7.8
606	9.303 586	37	9.312 557	38	0.687 443	9.991 028	2	394	3 11.7
		37		39			1		4 15.6
607	9.303 623		9.312 596		0.687 404	9.991 027		393	5 19.5
608	9.303 660	37	9.312 634	38	0.687 366	9.991 025	2	392	6 23.4
609	9.303 697	37	9.312 673	39	0.687 327	9.991 024	1	391	7 27.3
		36		38			2		8 31.2
.610	9.303 733		9.312 711		0.687 289	9.991 022		.390	9 35.1
		37		39			1		
611	9.303 770		9.312 750		0.687 250	9.991 021		389	
612	9.303 807	37	9.312 788	38	0.687 212	9.991 019	2	388	
613	9.303 844	37	9.312 827	39	0.687 173	9.991 018	1	387	
		37		38			2		
614	9.303 881		9.312 865		0.687 135	9.991 016		386	
615	9.303 918	37	9.312 903	38	0.687 097	9.991 014	2	385	
616	9.303 955	37	9.312 942	39	0.687 058	9.991 013	1	384	
		37		38			2		38
617	9.303 992		9.312 980		0.687 020	9.991 011		383	1 3.8
618	9.304 029	37	9.313 019	39	0.686 981	9.991 010	1	382	2 7.6
619	9.304 065	36	9.313 057	38	0.686 943	9.991 008	2	381	3 11.4
		37		39			1		4 15.2
.620	9.304 102		9.313 096		0.686 904	9.991 007		.380	5 19.0
		37		38			2		6 22.8
621	9.304 139		9.313 134		0.686 866	9.991 005		379	7 26.6
622	9.304 176	37	9.313 172	38	0.686 828	9.991 004	1	378	8 30.4
623	9.304 213	37	9.313 211	39	0.686 789	9.991 002	2	377	9 34.2
		37		38			2		
624	9.304 250		9.313 249		0.686 751	9.991 000		376	
625	9.304 287	37	9.313 288	39	0.686 712	9.990 999	1	375	
626	9.304 323	36	9.313 326	38	0.686 674	9.990 997	2	374	
		37		38			1		
627	9.304 360		9.313 364		0.686 636	9.990 996		373	37
628	9.304 397	37	9.313 403	39	0.686 597	9.990 994	2	372	1 3.7
629	9.304 434	37	9.313 441	38	0.686 559	9.990 993	1	371	2 7.4
		37		39			2		3 11.1
.630	9.304 471		9.313 480		0.686 520	9.990 991		.370	4 14.8
		37		38			1		5 18.5
631	9.304 508		9.313 518		0.686 482	9.990 990		369	6 22.2
632	9.304 544	36	9.313 556	38	0.686 444	9.990 988	2	368	7 25.9
633	9.304 581	37	9.313 595	39	0.686 405	9.990 986	2	367	8 29.6
		37		38			1		9 33.3
634	9.304 618		9.313 633		0.686 367	9.990 985		366	
635	9.304 655	37	9.313 672	39	0.686 328	9.990 983	2	365	
636	9.304 692	37	9.313 710	38	0.686 290	9.990 982	1	364	
		36		38			2		
637	9.304 728		9.313 748		0.686 252	9.990 980		363	
638	9.304 765	37	9.313 787	39	0.686 213	9.990 979	1	362	
639	9.304 802	37	9.313 825	38	0.686 175	9.990 977	2	361	36
		37		38			2		
.640	9.304 839		9.313 863		0.686 137	9.990 975		.360	1 3.6
		37		39			1		2 7.2
641	9.304 876		9.313 902		0.686 098	9.990 974		359	3 10.8
642	9.304 912	36	9.313 940	38	0.686 060	9.990 972	2	358	4 14.4
643	9.304 949	37	9.313 978	38	0.686 022	9.990 971	1	357	5 18.0
		37		39			2		6 21.6
644	9.304 986		9.314 017		0.685 983	9.990 969		356	7 25.2
645	9.305 023	37	9.314 055	38	0.685 945	9.990 968	1	355	8 28.8
646	9.305 060	37	9.314 093	38	0.685 907	9.990 966	2	354	9 32.4
		36		39			1		
647	9.305 096		9.314 132		0.685 868	9.990 965		353	
648	9.305 133	37	9.314 170	38	0.685 830	9.990 963	2	352	
649	9.305 170	37	9.314 208	38	0.685 792	9.990 961	2	351	
		37		39			1		
.650	9.305 207		9.314 247		0.685 753	9.990 960		.350	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.400 — 78°.350

11°.650 — 11°.700

11°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.305 207		9.314 247		0.685 753	9.990 960		**.350**	
		36		38			2		
651	9.305 243		9.314 285		0.685 715	9.990 958		349	
652	9.305 280	37	9.314 323	38	0.685 677	9.990 957	1	348	
653	9.305 317	37	9.314 362	39	0.685 638	9.990 955	2	347	
		37		38			1		39
654	9.305 354		9.314 400		0.685 600	9.990 954		346	1 3.9
655	9.305 390	36	9.314 438	38	0.685 562	9.990 952	2	345	2 7.8
656	9.305 427	37	9.314 477	39	0.685 523	9.990 950	2	344	3 11.7
		37		38			1		4 15.6
657	9.305 464		9.314 515		0.685 485	9.990 949		343	5 19.5
658	9.305 501	37	9.314 553	38	0.685 447	9.990 947	2	342	6 23.4
659	9.305 537	36	9.314 592	39	0.685 408	9.990 946	1	341	7 27.3
		37		38			2		8 31.2
.660	9.305 574		9.314 630		0.685 370	9.990 944		**.340**	9 35.1
		37		38			1		
661	9.305 611		9.314 668		0.685 332	9.990 943		339	
662	9.305 648	37	9.314 706	38	0.685 294	9.990 941	2	338	
663	9.305 684	36	9.314 745	39	0.685 255	9.990 940	1	337	
		37		38			2		
664	9.305 721		9.314 783		0.685 217	9.990 938		336	
665	9.305 758	37	9.314 821	38	0.685 179	9.990 936	2	335	
666	9.305 794	36	9.314 860	39	0.685 140	9.990 935	1	334	38
		37		38			2		1 3.8
667	9.305 831		9.314 898		0.685 102	9.990 933		333	2 7.6
668	9.305 868	37	9.314 936	38	0.685 064	9.990 932	1	332	3 11.4
669	9.305 905	37	9.314 974	38	0.685 026	9.990 930	2	331	4 15.2
		36		39			1		5 19.0
.670	9.305 941		9.315 013		0.684 987	9.990 929		**.330**	6 22.8
		37		38			2		7 26.6
671	9.305 978		9.315 051		0.684 949	9.990 927		329	8 30.4
672	9.306 015	37	9.315 089	38	0.684 911	9.990 925	2	328	9 34.2
673	9.306 051	36	9.315 127	38	0.684 873	9.990 924	1	327	
		37		39			2		
674	9.306 088		9.315 166		0.684 834	9.990 922		326	
675	9.306 125	37	9.315 204	38	0.684 796	9.990 921	1	325	
676	9.306 161	36	9.315 242	38	0.684 758	9.990 919	2	324	
		37		38			1		
677	9.306 198		9.315 280		0.684 720	9.990 918		323	37
678	9.306 235	37	9.315 319	39	0.684 681	9.990 916	2	322	1 3.7
679	9.306 271	36	9.315 357	38	0.684 643	9.990 914	2	321	2 7.4
		37		38			1		3 11.1
.680	9.306 308		9.315 395		0.684 605	9.990 913		**.320**	4 14.8
		37		38			2		5 18.5
681	9.306 345		9.315 433		0.684 567	9.990 911		319	6 22.2
682	9.306 381	36	9.315 472	39	0.684 528	9.990 910	1	318	7 25.9
683	9.306 418	37	9.315 510	38	0.684 490	9.990 908	2	317	8 29.6
		37		38			1		9 33.3
684	9.306 455		9.315 548		0.684 452	9.990 907		316	
685	9.306 491	36	9.315 586	38	0.684 414	9.990 905	2	315	
686	9.306 528	37	9.315 625	39	0.684 375	9.990 903	2	314	
		37		38			1		
687	9.306 565		9.315 663		0.684 337	9.990 902		313	36
688	9.306 601	36	9.315 701	38	0.684 299	9.990 900	2	312	1 3.6
689	9.306 638	37	9.315 739	38	0.684 261	9.990 899	1	311	2 7.2
		37		38			2		3 10.8
.690	9.306 675		9.315 777		0.684 223	9.990 897		**.310**	4 14.4
		36		39			1		5 18.0
691	9.306 711		9.315 816		0.684 184	9.990 896		309	6 21.6
692	9.306 748	37	9.315 854	38	0.684 146	9.990 894	2	308	7 25.2
693	9.306 784	36	9.315 892	38	0.684 108	9.990 893	1	307	8 28.8
		37		38			2		9 32.4
694	9.306 821		9.315 930		0.684 070	9.990 891		306	
695	9.306 858	37	9.315 968	38	0.684 032	9.990 889	2	305	
696	9.306 894	36	9.316 007	39	0.683 993	9.990 888	1	304	
		37		38			2		
697	9.306 931		9.316 045		0.683 955	9.990 886		303	
698	9.306 968	37	9.316 083	38	0.683 917	9.990 885	1	302	
699	9.307 004	36	9.316 121	38	0.683 879	9.990 883	2	301	
		37		38			1		
.700	9.307 041		9.316 159		0.683 841	9.990 882		**.300**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

78°.350 — 78°.300

11°.700 — 11°.750

11°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.307 041	36	9.316 159	38	0.683 841	9.990 882	2	**.300**	
701	9.307 077	37	9.316 197	39	0.683 803	9.990 880	2	299	
702	9.307 114	37	9.316 236	38	0.683 764	9.990 878	1	298	
703	9.307 151	36	9.316 274	38	0.683 726	9.990 877	2	297	
704	9.307 187	37	9.316 312	38	0.683 688	9.990 875	1	296	
705	9.307 224	36	9.316 350	38	0.683 650	9.990 874	2	295	
706	9.307 260	37	9.316 388	38	0.683 612	9.990 872	1	294	
707	9.307 297	36	9.316 426	38	0.683 574	9.990 871	2	293	
708	9.307 333	37	9.316 464	39	0.683 536	9.990 869	2	292	
709	9.307 370	37	9.316 503	38	0.683 497	9.990 867	1	291	
.710	9.307 407	36	9.316 541	38	0.683 459	9.990 866	2	**.290**	
711	9.307 443	37	9.316 579	38	0.683 421	9.990 864	1	289	
712	9.307 480	36	9.316 617	38	0.683 383	9.990 863	2	288	
713	9.307 516	37	9.316 655	38	0.683 345	9.990 861	1	287	
714	9.307 553	36	9.316 693	38	0.683 307	9.990 860	2	286	
715	9.307 589	37	9.316 731	39	0.683 269	9.990 858	2	285	
716	9.307 626	37	9.316 770	38	0.683 230	9.990 856	1	284	
717	9.307 663	36	9.316 808	38	0.683 192	9.990 855	2	283	
718	9.307 699	37	9.316 846	38	0.683 154	9.990 853	1	282	
719	9.307 736	36	9.316 884	38	0.683 116	9.990 852	2	281	
.720	9.307 772	37	9.316 922	38	0.683 078	9.990 850	1	**.280**	
721	9.307 809	36	9.316 960	38	0.683 040	9.990 849	2	279	
722	9.307 845	37	9.316 998	38	0.683 002	9.990 847	2	278	
723	9.307 882	36	9.317 036	38	0.682 964	9.990 845	1	277	
724	9.307 918	37	9.317 074	39	0.682 926	9.990 844	2	276	
725	9.307 955	36	9.317 113	38	0.682 887	9.990 842	1	275	
726	9.307 991	37	9.317 151	38	0.682 849	9.990 841	2	274	
727	9.308 028	36	9.317 189	38	0.682 811	9.990 839	1	273	
728	9.308 064	37	9.317 227	38	0.682 773	9.990 838	2	272	
729	9.308 101	36	9.317 265	38	0.682 735	9.990 836	2	271	
.730	9.308 137	37	9.317 303	38	0.682 697	9.990 834	1	**.270**	
731	9.308 174	36	9.317 341	38	0.682 659	9.990 833	2	269	
732	9.308 210	37	9.317 379	38	0.682 621	9.990 831	1	268	
733	9.308 247	36	9.317 417	38	0.682 583	9.990 830	2	267	
734	9.308 283	37	9.317 455	38	0.682 545	9.990 828	2	266	
735	9.308 320	36	9.317 493	38	0.682 507	9.990 826	1	265	
736	9.308 356	37	9.317 531	38	0.682 469	9.990 825	2	264	
737	9.308 393	36	9.317 569	39	0.682 431	9.990 823	1	263	
738	9.308 429	37	9.317 608	38	0.682 392	9.990 822	2	262	
739	9.308 466	36	9.317 646	38	0.682 354	9.990 820	1	261	
.740	9.308 502	37	9.317 684	38	0.682 316	9.990 819	2	**.260**	
741	9.308 539	36	9.317 722	38	0.682 278	9.990 817	2	259	
742	9.308 575	37	9.317 760	38	0.682 240	9.990 815	1	258	
743	9.308 612	36	9.317 798	38	0.682 202	9.990 814	2	257	
744	9.308 648	37	9.317 836	38	0.682 164	9.990 812	1	256	
745	9.308 685	36	9.317 874	38	0.682 126	9.990 811	2	255	
746	9.308 721	36	9.317 912	38	0.682 088	9.990 809	1	254	
747	9.308 757	37	9.317 950	38	0.682 050	9.990 808	2	253	
748	9.308 794	36	9.317 988	38	0.682 012	9.990 806	2	252	
749	9.308 830	37	9.318 026	38	0.681 974	9.990 804	1	251	
.750	9.308 867		9.318 064		0.681 936	9.990 803		**.250**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

78°.300 — 78°.250

$11^\circ.750 - 11^\circ.800$

11°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.308 867		9.318 064		0.681 936	9.990 803		**.250**	
		36		38			2		
751	9.308 903		9.318 102		0.681 898	9.990 801		249	
		37		38			1		
752	9.308 940		9.318 140		0.681 860	9.990 800		248	
		36		38			2		
753	9.308 976		9.318 178		0.681 822	9.990 798		247	
		37		38			1		
754	9.309 013		9.318 216		0.681 784	9.990 797		246	
		36		38			2		
755	9.309 049		9.318 254		0.681 746	9.990 795		245	
		36		38			2		
756	9.309 085		9.318 292		0.681 708	9.990 793		244	
		37		38			1		
757	9.309 122		9.318 330		0.681 670	9.990 792		243	
		36		38			2		
758	9.309 158		9.318 368		0.681 632	9.990 790		242	
		37		38			1		
759	9.309 195		9.318 406		0.681 594	9.990 789		241	
		36		38			2		
.760	9.309 231		9.318 444		0.681 556	9.990 787		**.240**	
		36		38			1		
761	9.309 267		9.318 482		0.681 518	9.990 786		239	
		37		38			2		
762	9.309 304		9.318 520		0.681 480	9.990 784		238	
		36		38			2		
763	9.309 340		9.318 558		0.681 442	9.990 782		237	
		37		38			1		
764	9.309 377		9.318 596		0.681 404	9.990 781		236	
		36		38			2		
765	9.309 413		9.318 634		0.681 366	9.990 779		235	
		36		38			1		
766	9.309 449		9.318 672		0.681 328	9.990 778		234	
		37		38			2		
767	9.309 486		9.318 710		0.681 290	9.990 776		233	
		36		38			2		
768	9.309 522		9.318 748		0.681 252	9.990 774		232	
		37		38			1		
769	9.309 559		9.318 786		0.681 214	9.990 773		231	
		36		38			2		
.770	9.309 595		9.318 824		0.681 176	9.990 771		**.230**	
		36		38			1		
771	9.309 631		9.318 862		0.681 138	9.990 770		229	
		37		38			2		
772	9.309 668		9.318 900		0.681 100	9.990 768		228	
		36		38			1		
773	9.309 704		9.318 938		0.681 062	9.990 767		227	
		37		38			2		
774	9.309 741		9.318 976		0.681 024	9.990 765		226	
		36		37			2		
775	9.309 777		9.319 013		0.680 987	9.990 763		225	
		36		38			1		
776	9.309 813		9.319 051		0.680 949	9.990 762		224	
		37		38			2		
777	9.309 850		9.319 089		0.680 911	9.990 760		223	
		36		38			1		
778	9.309 886		9.319 127		0.680 873	9.990 759		222	
		36		38			2		
779	9.309 922		9.319 165		0.680 835	9.990 757		221	
		37		38			1		
.780	9.309 959		9.319 203		0.680 797	9.990 756		**.220**	
		36		38			2		
781	9.309 995		9.319 241		0.680 759	9.990 754		219	
		36		38			2		
782	9.310 031		9.319 279		0.680 721	9.990 752		218	
		37		38			1		
783	9.310 068		9.319 317		0.680 683	9.990 751		217	
		36		38			2		
784	9.310 104		9.319 355		0.680 645	9.990 749		216	
		36		38			1		
785	9.310 140		9.319 393		0.680 607	9.990 748		215	
		37		38			2		
786	9.310 177		9.319 431		0.680 569	9.990 746		214	
		36		38			2		
787	9.310 213		9.319 469		0.680 531	9.990 744		213	
		36		37			1		
788	9.310 249		9.319 506		0.680 494	9.990 743		212	
		37		38			2		
789	9.310 286		9.319 544		0.680 456	9.990 741		211	
		36		38			1		
.790	9.310 322		9.319 582		0.680 418	9.990 740		**.210**	
		36		38			2		
791	9.310 358		9.319 620		0.680 380	9.990 738		209	
		37		38			1		
792	9.310 395		9.319 658		0.680 342	9.990 737		208	
		36		38			2		
793	9.310 431		9.319 696		0.680 304	9.990 735		207	
		36		38			2		
794	9.310 467		9.319 734		0.680 266	9.990 733		206	
		36		38			1		
795	9.310 503		9.319 772		0.680 228	9.990 732		205	
		37		38			2		
796	9.310 540		9.319 810		0.680 190	9.990 730		204	
		36		37			1		
797	9.310 576		9.319 847		0.680 153	9.990 729		203	
		36		38			2		
798	9.310 612		9.319 885		0.680 115	9.990 727		202	
		37		38			2		
799	9.310 649		9.319 923		0.680 077	9.990 725		201	
		36		38			1		
.800	9.310 685		9.319 961		0.680 039	9.990 724		**.200**	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

$78^\circ.250 - 78^\circ.200$

11°.800 — 11°.850

11°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.310 685		9.319 961		0.680 039	9.990 724		**.200**	
		36		38			2		
801	9.310 721		9.319 999		0.680 001	9.990 722		199	
802	9.310 757	36	9.320 037	38	0.679 963	9.990 721	1	198	
803	9.310 794	37	9.320 075	38	0.679 925	9.990 719	2	197	
		36		38			1		
804	9.310 830		9.320 113		0.679 887	9.990 718		196	
805	9.310 866	36	9.320 150	37	0.679 850	9.990 716	2	195	
806	9.310 903	37	9.320 188	38	0.679 812	9.990 714	2	194	
		36		38			1		
807	9.310 939		9.320 226		0.679 774	9.990 713		193	
808	9.310 975	36	9.320 264	38	0.679 736	9.990 711	2	192	
809	9.311 011	36	9.320 302	38	0.679 698	9.990 710	1	191	
		37		38			2		
.810	9.311 048		9.320 340		0.679 660	9.990 708		**.190**	
		36		37			2		
811	9.311 084		9.320 377		0.679 623	9.990 706		189	
812	9.311 120	36	9.320 415	38	0.679 585	9.990 705	1	188	
813	9.311 156	36	9.320 453	38	0.679 547	9.990 703	2	187	
		37		38			1		
814	9.311 193		9.320 491		0.679 509	9.990 702		186	
815	9.311 229	36	9.320 529	38	0.679 471	9.990 700	2	185	
816	9.311 265	36	9.320 567	38	0.679 433	9.990 699	1	184	
		36		37			2		
817	9.311 301		9.320 604		0.679 396	9.990 697		183	
818	9.311 338	37	9.320 642	38	0.679 358	9.990 695	2	182	
819	9.311 374	36	9.320 680	38	0.679 320	9.990 694	1	181	
		36		38			2		
.820	9.311 410		9.320 718		0.679 282	9.990 692		**.180**	
		36		38			1		
821	9.311 446		9.320 756		0.679 244	9.990 691		179	
822	9.311 482	36	9.320 793	37	0.679 207	9.990 689	2	178	
823	9.311 519	37	9.320 831	38	0.679 169	9.990 687	2	177	
		36		38			1		
824	9.311 555		9.320 869		0.679 131	9.990 686		176	
825	9.311 591	36	9.320 907	38	0.679 093	9.990 684	2	175	
826	9.311 627	36	9.320 945	38	0.679 055	9.990 683	1	174	
		36		37			2		
827	9.311 663		9.320 982		0.679 018	9.990 681		173	
828	9.311 700	37	9.321 020	38	0.678 980	9.990 679	2	172	
829	9.311 736	36	9.321 058	38	0.678 942	9.990 678	1	171	
		36		38			2		
.830	9.311 772		9.321 096		0.678 904	9.990 676		**.170**	
		36		37			1		
831	9.311 808		9.321 133		0.678 867	9.990 675		169	
832	9.311 844	36	9.321 171	38	0.678 829	9.990 673	2	168	
833	9.311 881	37	9.321 209	38	0.678 791	9.990 672	1	167	
		36		38			2		
834	9.311 917		9.321 247		0.678 753	9.990 670		166	
835	9.311 953	36	9.321 285	38	0.678 715	9.990 668	2	165	
836	9.311 989	36	9.321 322	37	0.678 678	9.990 667	1	164	
		36		38			2		
837	9.312 025		9.321 360		0.678 640	9.990 665		163	
838	9.312 061	36	9.321 398	38	0.678 602	9.990 664	1	162	
839	9.312 098	37	9.321 436	38	0.678 564	9.990 662	2	161	
		36		37			2		
.840	9.312 134		9.321 473		0.678 527	9.990 660		**.160**	
		36		38			1		
841	9.312 170		9.321 511		0.678 489	9.990 659		159	
842	9.312 206	36	9.321 549	38	0.678 451	9.990 657	2	158	
843	9.312 242	36	9.321 587	38	0.678 413	9.990 656	1	157	
		36		37			2		
844	9.312 278		9.321 624		0.678 376	9.990 654		156	
845	9.312 314	36	9.321 662	38	0.678 338	9.990 652	2	155	
846	9.312 351	37	9.321 700	38	0.678 300	9.990 651	1	154	
		36		37			2		
847	9.312 387		9.321 737		0.678 263	9.990 649		153	
848	9.312 423	36	9.321 775	38	0.678 225	9.990 648	1	152	
849	9.312 459	36	9.321 813	38	0.678 187	9.990 646	2	151	
		36		38			1		
.850	9.312 495		9.321 851		0.678 149	9.990 645		**.150**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

78°.200 — 78°.150

11°.850 — 11°.900

11°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.312 495		9.321 851		0.678 149	9.990 645		**.150**	
		36		37			2		
851	9.312 531		9.321 888		0.678 112	9.990 643		149	
852	9.312 567	36	9.321 926	38	0.678 074	9.990 641	2	148	
853	9.312 603	36	9.321 964	38	0.678 036	9.990 640	1	147	
		37		37			2		38
854	9.312 640		9.322 001		0.677 999	9.990 638		146	
855	9.312 676	36	9.322 039	38	0.677 961	9.990 637	1	145	1 3.8
856	9.312 712	36	9.322 077	38	0.677 923	9.990 635	2	144	2 7.6
		36		38			2		3 11.4
857	9.312 748		9.322 115		0.677 885	9.990 633		143	4 15.2
858	9.312 784	36	9.322 152	37	0.677 848	9.990 632	1	142	5 19.0
859	9.312 820	36	9.322 190	38	0.677 810	9.990 630	2	141	6 22.8
		36		38			1		7 26.6
.860	9.312 856		9.322 228		0.677 772	9.990 629		**.140**	8 30.4
		36		37			2		9 34.2
861	9.312 892		9.322 265		0.677 735	9.990 627		139	
862	9.312 928	36	9.322 303	38	0.677 697	9.990 625	2	138	
863	9.312 964	36	9.322 341	38	0.677 659	9.990 624	1	137	
		37		37			2		
864	9.313 001		9.322 378		0.677 622	9.990 622		136	
865	9.313 037	36	9.322 416	38	0.677 584	9.990 621	1	135	
866	9.313 073	36	9.322 454	38	0.677 546	9.990 619	2	134	37
		36		37			2		
867	9.313 109		9.322 491		0.677 509	9.990 617		133	1 3.7
868	9.313 145	36	9.322 529	38	0.677 471	9.990 616	1	132	2 7.4
869	9.313 181	36	9.322 567	38	0.677 433	9.990 614	2	131	3 11.1
		36		37			1		4 14.8
.870	9.313 217		9.322 604		0.677 396	9.990 613		**.130**	5 18.5
		36		38			2		6 22.2
871	9.313 253		9.322 642		0.677 358	9.990 611		129	7 25.9
872	9.313 289	36	9.322 680	38	0.677 320	9.990 609	2	128	8 29.6
873	9.313 325	36	9.322 717	37	0.677 283	9.990 608	1	127	9 33.3
		36		38			2		
874	9.313 361		9.322 755		0.677 245	9.990 606		126	
875	9.313 397	36	9.322 793	38	0.677 207	9.990 605	1	125	
876	9.313 433	36	9.322 830	37	0.677 170	9.990 603	2	124	
		36		38			1		
877	9.313 469		9.322 868		0.677 132	9.990 602		123	36
878	9.313 505	36	9.322 905	37	0.677 095	9.990 600	2	122	
879	9.313 541	36	9.322 943	38	0.677 057	9.990 598	2	121	1 3.6
		36		38			1		2 7.2
.880	9.313 577		9.322 981		0.677 019	9.990 597		**.120**	3 10.8
		37		37			2		4 14.4
881	9.313 614		9.323 018		0.676 982	9.990 595		119	5 18.0
882	9.313 650	36	9.323 056	38	0.676 944	9.990 594	1	118	6 21.6
883	9.313 686	36	9.323 094	38	0.676 906	9.990 592	2	117	7 25.2
		36		37			2		8 28.8
884	9.313 722		9.323 131		0.676 869	9.990 590		116	9 32.4
885	9.313 758	36	9.323 169	38	0.676 831	9.990 589	1	115	
886	9.313 794	36	9.323 206	37	0.676 794	9.990 587	2	114	
		36		38			1		
887	9.313 830		9.323 244		0.676 756	9.990 586		113	35
888	9.313 866	36	9.323 282	38	0.676 718	9.990 584	2	112	
889	9.313 902	36	9.323 319	37	0.676 681	9.990 582	2	111	1 3.5
		36		38			1		2 7.0
.890	9.313 938		9.323 357		0.676 643	9.990 581		**.110**	3 10.5
		36		37			2		4 14.0
891	9.313 974		9.323 394		0.676 606	9.990 579		109	5 17.5
892	9.314 010	36	9.323 432	38	0.676 568	9.990 578	1	108	6 21.0
893	9.314 046	36	9.323 470	38	0.676 530	9.990 576	2	107	7 24.5
		36		37			2		8 28.0
894	9.314 082		9.323 507		0.676 493	9.990 574		106	9 31.5
895	9.314 118	36	9.323 545	38	0.676 455	9.990 573	1	105	
896	9.314 154	36	9.323 582	37	0.676 418	9.990 571	2	104	
		36		38			1		
897	9.314 190		9.323 620		0.676 380	9.990 570		103	
898	9.314 226	36	9.323 658	38	0.676 342	9.990 568	2	102	
899	9.314 262	36	9.323 695	37	0.676 305	9.990 566	2	101	
		35		38			1		
.900	9.314 297		9.323 733		0.676 267	9.990 565		**.100**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

78°.150 — 78°.100

11°.900 — 11°.950

11°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.314 297	36	9.323 733	37	0.676 267	9.990 565	2	.100	
901	9.314 333	36	9.323 770	38	0.676 230	9.990 563	1	099	
902	9.314 369	36	9.323 808	37	0.676 192	9.990 562	2	098	
903	9.314 405	36	9.323 845	38	0.676 155	9.990 560	2	097	
904	9.314 441	36	9.323 883	37	0.676 117	9.990 558	1	096	
905	9.314 477	36	9.323 920	38	0.676 080	9.990 557	2	095	
906	9.314 513	36	9.323 958	38	0.676 042	9.990 555	1	094	
907	9.314 549	36	9.323 996	37	0.676 004	9.990 554	2	093	
908	9.314 585	36	9.324 033	38	0.675 967	9.990 552	2	092	
909	9.314 621	36	9.324 071	37	0.675 929	9.990 550	1	091	
.910	9.314 657	36	9.324 108	38	0.675 892	9.990 549	2	.090	
911	9.314 693	36	9.324 146	37	0.675 854	9.990 547	1	089	
912	9.314 729	36	9.324 183	38	0.675 817	9.990 546	2	088	
913	9.314 765	36	9.324 221	37	0.675 779	9.990 544	2	087	
914	9.314 801	36	9.324 258	38	0.675 742	9.990 542	1	086	
915	9.314 837	36	9.324 296	37	0.675 704	9.990 541	2	085	
916	9.314 873	36	9.324 333	38	0.675 667	9.990 539	1	084	
917	9.314 909	35	9.324 371	37	0.675 629	9.990 538	2	083	
918	9.314 944	36	9.324 408	38	0.675 592	9.990 536	2	082	
919	9.314 980	36	9.324 446	37	0.675 554	9.990 534	1	081	
.920	9.315 016	36	9.324 483	38	0.675 517	9.990 533	2	.080	
921	9.315 052	36	9.324 521	37	0.675 479	9.990 531	1	079	
922	9.315 088	36	9.324 558	38	0.675 442	9.990 530	2	078	
923	9.315 124	36	9.324 596	37	0.675 404	9.990 528	2	077	
924	9.315 160	36	9.324 633	38	0.675 367	9.990 526	1	076	
925	9.315 196	36	9.324 671	37	0.675 329	9.990 525	2	075	
926	9.315 232	36	9.324 708	38	0.675 292	9.990 523	1	074	
927	9.315 268	35	9.324 746	37	0.675 254	9.990 522	2	073	
928	9.315 303	36	9.324 783	38	0.675 217	9.990 520	2	072	
929	9.315 339	36	9.324 821	37	0.675 179	9.990 518	1	071	
.930	9.315 375	36	9.324 858	38	0.675 142	9.990 517	2	.070	
931	9.315 411	36	9.324 896	37	0.675 104	9.990 515	1	069	
932	9.315 447	36	9.324 933	38	0.675 067	9.990 514	2	068	
933	9.315 483	36	9.324 971	37	0.675 029	9.990 512	2	067	
934	9.315 519	35	9.325 008	38	0.674 992	9.990 510	1	066	
935	9.315 554	36	9.325 046	37	0.674 954	9.990 509	2	065	
936	9.315 590	36	9.325 083	38	0.674 917	9.990 507	1	064	
937	9.315 626	36	9.325 121	37	0.674 879	9.990 506	2	063	
938	9.315 662	36	9.325 158	37	0.674 842	9.990 504	2	062	
939	9.315 698	36	9.325 195	38	0.674 805	9.990 502	1	061	
.940	9.315 734	36	9.325 233	37	0.674 767	9.990 501	2	.060	
941	9.315 770	35	9.325 270	38	0.674 730	9.990 499	1	059	
942	9.315 805	36	9.325 308	37	0.674 692	9.990 498	2	058	
943	9.315 841	36	9.325 345	38	0.674 655	9.990 496	2	057	
944	9.315 877	36	9.325 383	37	0.674 617	9.990 494	1	056	
945	9.315 913	36	9.325 420	38	0.674 580	9.990 493	2	055	
946	9.315 949	36	9.325 458	37	0.674 542	9.990 491	1	054	
947	9.315 985	35	9.325 495	37	0.674 505	9.990 490	2	053	
948	9.316 020	36	9.325 532	38	0.674 468	9.990 488	2	052	
949	9.316 056	36	9.325 570	37	0.674 430	9.990 486	1	051	
.950	9.316 092		9.325 607		0.674 393	9.990 485		.050	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

78°.100 — 78°.050

11°.950 — 12°.000

11°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.316 092		9.325 607		0.674 393	9.990 485		.050	
		36		38			2		
951	9.316 128		9.325 645		0.674 355	9.990 483		049	
952	9.316 164	36	9.325 682	37	0.674 318	9.990 482	1	048	
953	9.316 199	35	9.325 720	38	0.674 280	9.990 480	2	047	
		36		37			2		
954	9.316 235		9.325 757		0.674 243	9.990 478		046	
955	9.316 271	36	9.325 794	37	0.674 206	9.990 477	1	045	
956	9.316 307	36	9.325 832	38	0.674 168	9.990 475	2	044	
		36		37			1		
957	9.316 343		9.325 869		0.674 131	9.990 474		043	
958	9.316 378	35	9.325 907	38	0.674 093	9.990 472	2	042	
959	9.316 414	36	9.325 944	37	0.674 056	9.990 470	2	041	
		36		37			1		
.960	9.316 450		9.325 981		0.674 019	9.990 469		.040	
		36		38			2		
961	9.316 486		9.326 019		0.673 981	9.990 467		039	
962	9.316 522	36	9.326 056	37	0.673 944	9.990 466	1	038	
963	9.316 557	35	9.326 093	37	0.673 907	9.990 464	2	037	
		36		38			2		
964	9.316 593		9.326 131		0.673 869	9.990 462		036	
965	9.316 629	36	9.326 168	37	0.673 832	9.990 461	1	035	
966	9.316 665	36	9.326 206	38	0.673 794	9.990 459	2	034	
		35		37			2		
967	9.316 700		9.326 243		0.673 757	9.990 457		033	
968	9.316 736	36	9.326 280	37	0.673 720	9.990 456	1	032	
969	9.316 772	36	9.326 318	38	0.673 682	9.990 454	2	031	
		36		37			1		
.970	9.316 808		9.326 355		0.673 645	9.990 453		.030	
		35		37			2		
971	9.316 843		9.326 392		0.673 608	9.990 451		029	
972	9.316 879	36	9.326 430	38	0.673 570	9.990 449	2	028	
973	9.316 915	36	9.326 467	37	0.673 533	9.990 448	1	027	
		36		37			2		
974	9.316 951		9.326 504		0.673 496	9.990 446		026	
975	9.316 986	35	9.326 542	38	0.673 458	9.990 445	1	025	
976	9.317 022	36	9.326 579	37	0.673 421	9.990 443	2	024	
		36		37			2		
977	9.317 058		9.326 616		0.673 384	9.990 441		023	
978	9.317 094	36	9.326 654	38	0.673 346	9.990 440	1	022	
979	9.317 129	35	9.326 691	37	0.673 309	9.990 438	2	021	
		36		37			1		
.980	9.317 165		9.326 728		0.673 272	9.990 437		.020	
		36		38			2		
981	9.317 201		9.326 766		0.673 234	9.990 435		019	
982	9.317 237	36	9.326 803	37	0.673 197	9.990 433	2	018	
983	9.317 272	35	9.326 840	37	0.673 160	9.990 432	1	017	
		36		38			2		
984	9.317 308		9.326 878		0.673 122	9.990 430		016	
985	9.317 344	36	9.326 915	37	0.673 085	9.990 429	1	015	
986	9.317 379	35	9.326 952	37	0.673 048	9.990 427	2	014	
		36		38			2		
987	9.317 415		9.326 990		0.673 010	9.990 425		013	
988	9.317 451	36	9.327 027	37	0.672 973	9.990 424	1	012	
989	9.317 486	35	9.327 064	37	0.672 936	9.990 422	2	011	
		36		38			2		
.990	9.317 522		9.327 102		0.672 898	9.990 420		.010	
		36		37			1		
991	9.317 558		9.327 139		0.672 861	9.990 419		009	
992	9.317 594	36	9.327 176	37	0.672 824	9.990 417	2	008	
993	9.317 629	35	9.327 214	38	0.672 786	9.990 416	1	007	
		36		37			2		
994	9.317 665		9.327 251		0.672 749	9.990 414		006	
995	9.317 701	36	9.327 288	37	0.672 712	9.990 412	2	005	
996	9.317 736	35	9.327 325	37	0.672 675	9.990 411	1	004	
		36		38			2		
997	9.317 772		9.327 363		0.672 637	9.990 409		003	
998	9.317 808	36	9.327 400	37	0.672 600	9.990 408	1	002	
999	9.317 843	35	9.327 437	37	0.672 563	9.990 406	2	001	
		36		38			2		
*000	9.317 879		9.327 475		0.672 525	9.990 404		.000	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

78°.050 — 78°.000

12°.000 — 12°.050

12°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.317 879	36	9.327 475	37	0.672 525	9.990 404	1	*000	
001	9.317 915	35	9.327 512	37	0.672 488	9.990 403	2	999	
002	9.317 950	36	9.327 549	37	0.672 451	9.990 401	1	998	
003	9.317 986	36	9.327 586	38	0.672 414	9.990 400	2	997	
004	9.318 022	35	9.327 624	37	0.672 376	9.990 398	2	996	38
005	9.318 057	36	9.327 661	37	0.672 339	9.990 396	1	995	1 3.8
006	9.318 093	35	9.327 698	37	0.672 302	9.990 395	2	994	2 7.6
007	9.318 128	36	9.327 735	38	0.672 265	9.990 393	1	993	3 11.4
008	9.318 164	36	9.327 773	37	0.672 227	9.990 392	2	992	4 15.2
009	9.318 200	35	9.327 810	37	0.672 190	9.990 390	2	991	5 19.0
.010	9.318 235	36	9.327 847	37	0.672 153	9.990 388	1	.990	6 22.8
011	9.318 271	36	9.327 884	38	0.672 116	9.990 387	2	989	7 26.6
012	9.318 307	35	9.327 922	37	0.672 078	9.990 385	2	988	8 30.4
013	9.318 342	36	9.327 959	37	0.672 041	9.990 383	1	987	9 34.2
014	9.318 378	35	9.327 996	37	0.672 004	9.990 382	2	986	
015	9.318 413	36	9.328 033	37	0.671 967	9.990 380	1	985	
016	9.318 449	36	9.328 070	38	0.671 930	9.990 379	2	984	37
017	9.318 485	35	9.328 108	37	0.671 892	9.990 377	2	983	1 3.7
018	9.318 520	36	9.328 145	37	0.671 855	9.990 375	1	982	2 7.4
019	9.318 556	36	9.328 182	37	0.671 818	9.990 374	2	981	3 11.1
.020	9.318 592	35	9.328 219	38	0.671 781	9.990 372	1	.980	4 14.8
021	9.318 627	36	9.328 257	37	0.671 743	9.990 371	2	979	5 18.5
022	9.318 663	35	9.328 294	37	0.671 706	9.990 369	2	978	6 22.2
023	9.318 698	36	9.328 331	37	0.671 669	9.990 367	1	977	7 25.9
024	9.318 734	35	9.328 368	37	0.671 632	9.990 366	2	976	8 29.6
025	9.318 769	36	9.328 405	38	0.671 595	9.990 364	2	975	9 33.3
026	9.318 805	36	9.328 443	37	0.671 557	9.990 362	1	974	
027	9.318 841	35	9.328 480	37	0.671 520	9.990 361	2	973	
028	9.318 876	36	9.328 517	37	0.671 483	9.990 359	1	972	36
029	9.318 912	35	9.328 554	37	0.671 446	9.990 358	2	971	1 3.6
.030	9.318 947	36	9.328 591	38	0.671 409	9.990 356	2	.970	2 7.2
031	9.318 983	35	9.328 629	37	0.671 371	9.990 354	1	969	3 10.8
032	9.319 018	36	9.328 666	37	0.671 334	9.990 353	2	968	4 14.4
033	9.319 054	36	9.328 703	37	0.671 297	9.990 351	1	967	5 18.0
034	9.319 090	35	9.328 740	37	0.671 260	9.990 350	2	966	6 21.6
035	9.319 125	36	9.328 777	37	0.671 223	9.990 348	2	965	7 25.2
036	9.319 161	35	9.328 814	38	0.671 186	9.990 346	1	964	8 28.8
037	9.319 196	36	9.328 852	37	0.671 148	9.990 345	2	963	9 32.4
038	9.319 232	35	9.328 889	37	0.671 111	9.990 343	2	962	
039	9.319 267	36	9.328 926	37	0.671 074	9.990 341	1	961	
.040	9.319 303	35	9.328 963	37	0.671 037	9.990 340	2	.960	35
041	9.319 338	36	9.329 000	37	0.671 000	9.990 338	1	959	1 3.5
042	9.319 374	35	9.329 037	38	0.670 963	9.990 337	2	958	2 7.0
043	9.319 409	36	9.329 075	37	0.670 925	9.990 335	2	957	3 10.5
044	9.319 445	36	9.329 112	37	0.670 888	9.990 333	1	956	4 14.0
045	9.319 481	35	9.329 149	37	0.670 851	9.990 332	2	955	5 17.5
046	9.319 516	36	9.329 186	37	0.670 814	9.990 330	1	954	6 21.0
047	9.319 552	35	9.329 223	37	0.670 777	9.990 329	2	953	7 24.5
048	9.319 587	36	9.329 260	37	0.670 740	9.990 327	2	952	8 28.0
049	9.319 623	35	9.329 297	37	0.670 703	9.990 325	1	951	9 31.5
.050	9.319 658		9.329 334		0.670 666	9.990 324		.950	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

78°.000 — 77°.950

12°.050 — 12°.100

12°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.319 658		9.329 334		0.670 666	9.990 324		**.950**	
		36		38			2		
051	9.319 694		9.329 372		0.670 628	9.990 322		949	
052	9.319 729	35	9.329 409	37	0.670 591	9.990 320	2	948	
053	9.319 765	36	9.329 446	37	0.670 554	9.990 319	1	947	
		35		37			2		38
054	9.319 800		9.329 483		0.670 517	9.990 317		946	1 3.8
055	9.319 836	36	9.329 520	37	0.670 480	9.990 316	1	945	2 7.6
056	9.319 871	35	9.329 557	37	0.670 443	9.990 314	2	944	3 11.4
		36		37			2		4 15.2
057	9.319 907		9.329 594		0.670 406	9.990 312		943	5 19.0
058	9.319 942	35	9.329 631	37	0.670 369	9.990 311	1	942	6 22.8
059	9.319 978	36	9.329 668	37	0.670 332	9.990 309	2	941	7 26.6
		35		38			2		8 30.4
.060	9.320 013		9.329 706		0.670 294	9.990 307		**.940**	9 34.2
		36		37			1		
061	9.320 049		9.329 743		0.670 257	9.990 306		939	
062	9.320 084	35	9.329 780	37	0.670 220	9.990 304	2	938	
063	9.320 119	35	9.329 817	37	0.670 183	9.990 303	1	937	
		36		37			2		
064	9.320 155		9.329 854		0.670 146	9.990 301		936	
065	9.320 190	35	9.329 891	37	0.670 109	9.990 299	2	935	
066	9.320 226	36	9.329 928	37	0.670 072	9.990 298	1	934	
		35		37			2		37
067	9.320 261		9.329 965		0.670 035	9.990 296		933	1 3.7
068	9.320 297	36	9.330 002	37	0.669 998	9.990 295	1	932	2 7.4
069	9.320 332	35	9.330 039	37	0.669 961	9.990 293	2	931	3 11.1
		36		37			2		4 14.8
.070	9.320 368		9.330 076		0.669 924	9.990 291		**.930**	5 18.5
		35		37			1		6 22.2
071	9.320 403		9.330 113		0.669 887	9.990 290		929	7 25.9
072	9.320 439	36	9.330 151	38	0.669 849	9.990 288	2	928	8 29.6
073	9.320 474	35	9.330 188	37	0.669 812	9.990 286	2	927	9 33.3
		35		37			1		
074	9.320 509		9.330 225		0.669 775	9.990 285		926	
075	9.320 545	36	9.330 262	37	0.669 738	9.990 283	2	925	
076	9.320 580	35	9.330 299	37	0.669 701	9.990 282	1	924	
		36		37			2		
077	9.320 616		9.330 336		0.669 664	9.990 280		923	36
078	9.320 651	35	9.330 373	37	0.669 627	9.990 278	2	922	
079	9.320 687	36	9.330 410	37	0.669 590	9.990 277	1	921	1 3.6
		35		37			2		2 7.2
.080	9.320 722		9.330 447		0.669 553	9.990 275		**.920**	3 10.8
		35		37			2		4 14.4
081	9.320 757		9.330 484		0.669 516	9.990 273		919	5 18.0
082	9.320 793	36	9.330 521	37	0.669 479	9.990 272	1	918	6 21.6
083	9.320 828	35	9.330 558	37	0.669 442	9.990 270	2	917	7 25.2
		36		37			1		8 28.8
084	9.320 864		9.330 595		0.669 405	9.990 269		916	9 32.4
085	9.320 899	35	9.330 632	37	0.669 368	9.990 267	2	915	
086	9.320 934	35	9.330 669	37	0.669 331	9.990 265	2	914	
		36		37			1		
087	9.320 970		9.330 706		0.669 294	9.990 264		913	
088	9.321 005	35	9.330 743	37	0.669 257	9.990 262	2	912	
089	9.321 041	36	9.330 780	37	0.669 220	9.990 260	2	911	35
		35		37			1		
.090	9.321 076		9.330 817		0.669 183	9.990 259		**.910**	1 3.5
		35		37			2		2 7.0
091	9.321 111		9.330 854		0.669 146	9.990 257		909	3 10.5
092	9.321 147	36	9.330 891	37	0.669 109	9.990 256	1	908	4 14.0
093	9.321 182	35	9.330 928	37	0.669 072	9.990 254	2	907	5 17.5
		36		37			2		6 21.0
094	9.321 218		9.330 965		0.669 035	9.990 252		906	7 24.5
095	9.321 253	35	9.331 002	37	0.668 998	9.990 251	1	905	8 28.0
096	9.321 288	35	9.331 039	37	0.668 961	9.990 249	2	904	9 31.5
		36		37			2		
097	9.321 324		9.331 076		0.668 924	9.990 247		903	
098	9.321 359	35	9.331 113	37	0.668 887	9.990 246	1	902	
099	9.321 394	35	9.331 150	37	0.668 850	9.990 244	2	901	
		36		37			1		
.100	9.321 430		9.331 187		0.668 813	9.990 243		**.900**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

77°.950 — 77°.900

12°.100 — 12°.150

12°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.321 430		9.331 187		0.668 813	9.990 243		.900	
		35		37			2		
101	9.321 465		9.331 224		0.668 776	9.990 241		899	
102	9.321 500	35	9.331 261	37	0.668 739	9.990 239	2	898	
103	9.321 536	36	9.331 298	37	0.668 702	9.990 238	1	897	
		35		37			2		
104	9.321 571		9.331 335		0.668 665	9.990 236		896	
105	9.321 606	35	9.331 372	37	0.668 628	9.990 234	2	895	
106	9.321 642	36	9.331 409	37	0.668 591	9.990 233	1	894	
		35		37			2		
107	9.321 677		9.331 446		0.668 554	9.990 231		893	
108	9.321 712	35	9.331 483	37	0.668 517	9.990 230	1	892	
109	9.321 748	36	9.331 520	37	0.668 480	9.990 228	2	891	
		35		37			2		
.110	9.321 783		9.331 557		0.668 443	9.990 226		.890	
		35		37			1		
111	9.321 818		9.331 594		0.668 406	9.990 225		889	
112	9.321 854	36	9.331 631	37	0.668 369	9.990 223	2	888	
113	9.321 889	35	9.331 668	37	0.668 332	9.990 221	2	887	
		35		37			1		
114	9.321 924		9.331 705		0.668 295	9.990 220		886	
115	9.321 960	36	9.331 742	37	0.668 258	9.990 218	2	885	
116	9.321 995	35	9.331 778	36	0.668 222	9.990 217	1	884	
		35		37			2		
117	9.322 030		9.331 815		0.668 185	9.990 215		883	
118	9.322 066	36	9.331 852	37	0.668 148	9.990 213	2	882	
119	9.322 101	35	9.331 889	37	0.668 111	9.990 212	1	881	
		35		37			2		
.120	9.322 136		9.331 926		0.668 074	9.990 210		.880	
		36		37			2		
121	9.322 172		9.331 963		0.668 037	9.990 208		879	
122	9.322 207	35	9.332 000	37	0.668 000	9.990 207	1	878	
123	9.322 242	35	9.332 037	37	0.667 963	9.990 205	2	877	
		35		37			1		
124	9.322 277		9.332 074		0.667 926	9.990 204		876	
125	9.322 313	36	9.332 111	37	0.667 889	9.990 202	2	875	
126	9.322 348	35	9.332 148	37	0.667 852	9.990 200	2	874	
		35		37			1		
127	9.322 383		9.332 185		0.667 815	9.990 199		873	
128	9.322 419	36	9.332 222	37	0.667 778	9.990 197	2	872	
129	9.322 454	35	9.332 258	36	0.667 742	9.990 195	2	871	
		35		37			1		
.130	9.322 489		9.332 295		0.667 705	9.990 194		.870	
		35		37			2		
131	9.322 524		9.332 332		0.667 668	9.990 192		869	
132	9.322 560	36	9.332 369	37	0.667 631	9.990 191	1	868	
133	9.322 595	35	9.332 406	37	0.667 594	9.990 189	2	867	
		35		37			2		
134	9.322 630		9.332 443		0.667 557	9.990 187		866	
135	9.322 665	35	9.332 480	37	0.667 520	9.990 186	1	865	
136	9.322 701	36	9.332 517	37	0.667 483	9.990 184	2	864	
		35		37			2		
137	9.322 736		9.332 554		0.667 446	9.990 182		863	
138	9.322 771	35	9.332 590	36	0.667 410	9.990 181	1	862	
139	9.322 806	35	9.332 627	37	0.667 373	9.990 179	2	861	
		36		37			2		
.140	9.322 842		9.332 664		0.667 336	9.990 177		.860	
		35		37			1		
141	9.322 877		9.332 701		0.667 299	9.990 176		859	
142	9.322 912	35	9.332 738	37	0.667 262	9.990 174	2	858	
143	9.322 947	35	9.332 775	37	0.667 225	9.990 173	1	857	
		36		37			2		
144	9.322 983		9.332 812		0.667 188	9.990 171		856	
145	9.323 018	35	9.332 848	36	0.667 152	9.990 169	2	855	
146	9.323 053	35	9.332 885	37	0.667 115	9.990 168	1	854	
		35		37			2		
147	9.323 088		9.332 922		0.667 078	9.990 166		853	
148	9.323 123	35	9.332 959	37	0.667 041	9.990 164	2	852	
149	9.323 159	36	9.332 996	37	0.667 004	9.990 163	1	851	
		35		37			2		
.150	9.323 194		9.333 033		0.666 967	9.990 161		.850	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

77°.900 — 77°.850

12°.150 — 12°.200

12°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.323 194		9.333 033		0.666 967	9.990 161		**.850**	
		35		37			1		
151	9.323 229		9.333 070		0.666 930	9.990 160		849	
152	9.323 264	35	9.333 106	36	0.666 894	9.990 158	2	848	
153	9.323 299	35	9.333 143	37	0.666 857	9.990 156	2	847	
		36		37			1		
154	9.323 335		9.333 180		0.666 820	9.990 155		846	
155	9.323 370	35	9.333 217	37	0.666 783	9.990 153	2	845	
156	9.323 405	35	9.333 254	37	0.666 746	9.990 151	2	844	
		35		36			1		
157	9.323 440		9.333 290		0.666 710	9.990 150		843	
158	9.323 475	35	9.333 327	37	0.666 673	9.990 148	2	842	
159	9.323 511	36	9.333 364	37	0.666 636	9.990 146	2	841	
		35		37			1		
.160	9.323 546		9.333 401		0.666 599	9.990 145		**.840**	
		35		37			2		
161	9.323 581		9.333 438		0.666 562	9.990 143		839	
162	9.323 616	35	9.333 475	37	0.666 525	9.990 142	1	838	
163	9.323 651	35	9.333 511	36	0.666 489	9.990 140	2	837	
		35		37			2		
164	9.323 686		9.333 548		0.666 452	9.990 138		836	
165	9.323 722	36	9.333 585	37	0.666 415	9.990 137	1	835	
166	9.323 757	35	9.333 622	37	0.666 378	9.990 135	2	834	
		35		37			2		
167	9.323 792		9.333 659		0.666 341	9.990 133		833	
168	9.323 827	35	9.333 695	36	0.666 305	9.990 132	1	832	
169	9.323 862	35	9.333 732	37	0.666 268	9.990 130	2	831	
		35		37			2		
.170	9.323 897		9.333 769		0.666 231	9.990 128		**.830**	
		36		37			1		
171	9.323 933		9.333 806		0.666 194	9.990 127		829	
172	9.323 968	35	9.333 842	36	0.666 158	9.990 125	2	828	
173	9.324 003	35	9.333 879	37	0.666 121	9.990 124	1	827	
		35		37			2		
174	9.324 038		9.333 916		0.666 084	9.990 122		826	
175	9.324 073	35	9.333 953	37	0.666 047	9.990 120	2	825	
176	9.324 108	35	9.333 990	37	0.666 010	9.990 119	1	824	
		35		36			2		
177	9.324 143		9.334 026		0.665 974	9.990 117		823	
178	9.324 178	35	9.334 063	37	0.665 937	9.990 115	2	822	
179	9.324 214	36	9.334 100	37	0.665 900	9.990 114	1	821	
		35		37			2		
.180	9.324 249		9.334 137		0.665 863	9.990 112		**.820**	
		35		36			1		
181	9.324 284		9.334 173		0.665 827	9.990 111		819	
182	9.324 319	35	9.334 210	37	0.665 790	9.990 109	2	818	
183	9.324 354	35	9.334 247	37	0.665 753	9.990 107	2	817	
		35		37			1		
184	9.324 389		9.334 284		0.665 716	9.990 106		816	
185	9.324 424	35	9.334 320	36	0.665 680	9.990 104	2	815	
186	9.324 459	35	9.334 357	37	0.665 643	9.990 102	2	814	
		35		37			1		
187	9.324 494		9.334 394		0.665 606	9.990 101		813	
188	9.324 530	36	9.334 430	36	0.665 570	9.990 099	2	812	
189	9.324 565	35	9.334 467	37	0.665 533	9.990 097	2	811	
		35		37			1		
.190	9.324 600		9.334 504		0.665 496	9.990 096		**.810**	
		35		37			2		
191	9.324 635		9.334 541		0.665 459	9.990 094		809	
192	9.324 670	35	9.334 577	36	0.665 423	9.990 093	1	808	
193	9.324 705	35	9.334 614	37	0.665 386	9.990 091	2	807	
		35		37			2		
194	9.324 740		9.334 651		0.665 349	9.990 089		806	
195	9.324 775	35	9.334 688	37	0.665 312	9.990 088	1	805	
196	9.324 810	35	9.334 724	36	0.665 276	9.990 086	2	804	
		35		37			2		
197	9.324 845		9.334 761		0.665 239	9.990 084		803	
198	9.324 880	35	9.334 798	37	0.665 202	9.990 083	1	802	
199	9.324 915	35	9.334 834	36	0.665 166	9.990 081	2	801	
		35		37			2		
.200	9.324 950		9.334 871		0.665 129	9.990 079		**.800**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

77°.850 — 77°.800

12°.200 — 12°.250

12°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.324 950		9.334 871		0.665 129	9.990 079		**.800**	
		36		37			1		
201	9.324 986		9.334 908		0.665 092	9.990 078		799	
202	9.325 021	35	9.334 944	36	0.665 056	9.990 076	2	798	
203	9.325 056	35	9.334 981	37	0.665 019	9.990 074	2	797	
		35		37			1		
204	9.325 091		9.335 018		0.664 982	9.990 073		796	
205	9.325 126	35	9.335 055	37	0.664 945	9.990 071	2	795	
206	9.325 161	35	9.335 091	36	0.664 909	9.990 070	1	794	
		35		37			2		
207	9.325 196		9.335 128		0.664 872	9.990 068		793	
208	9.325 231	35	9.335 165	37	0.664 835	9.990 066	2	792	
209	9.325 266	35	9.335 201	36	0.664 799	9.990 065	1	791	
		35		37			2		
.210	9.325 301		9.335 238		0.664 762	9.990 063		**.790**	
		35		37			2		
211	9.325 336		9.335 275		0.664 725	9.990 061		789	
212	9.325 371	35	9.335 311	36	0.664 689	9.990 060	1	788	
213	9.325 406	35	9.335 348	37	0.664 652	9.990 058	2	787	
		35		37			2		
214	9.325 441		9.335 385		0.664 615	9.990 056		786	
215	9.325 476	35	9.335 421	36	0.664 579	9.990 055	1	785	
216	9.325 511	35	9.335 458	37	0.664 542	9.990 053	2	784	
		35		37			1		
217	9.325 546		9.335 495		0.664 505	9.990 052		783	
218	9.325 581	35	9.335 531	36	0.664 469	9.990 050	2	782	
219	9.325 616	35	9.335 568	37	0.664 432	9.990 048	2	781	
		35		36			1		
.220	9.325 651		9.335 604		0.664 396	9.990 047		**.780**	
		35		37			2		
221	9.325 686		9.335 641		0.664 359	9.990 045		779	
222	9.325 721	35	9.335 678	37	0.664 322	9.990 043	2	778	
223	9.325 756	35	9.335 714	36	0.664 286	9.990 042	1	777	
		35		37			2		
224	9.325 791		9.335 751		0.664 249	9.990 040		776	
225	9.325 826	35	9.335 788	37	0.664 212	9.990 038	2	775	
226	9.325 861	35	9.335 824	36	0.664 176	9.990 037	1	774	
		35		37			2		
227	9.325 896		9.335 861		0.664 139	9.990 035		773	
228	9.325 931	35	9.335 897	36	0.664 103	9.990 033	2	772	
229	9.325 966	35	9.335 934	37	0.664 066	9.990 032	1	771	
		35		37			2		
.230	9.326 001		9.335 971		0.664 029	9.990 030		**.770**	
		35		36			1		
231	9.326 036		9.336 007		0.663 993	9.990 029		769	
232	9.326 071	35	9.336 044	37	0.663 956	9.990 027	2	768	
233	9.326 106	35	9.336 081	37	0.663 919	9.990 025	2	767	
		35		36			1		
234	9.326 141		9.336 117		0.663 883	9.990 024		766	
235	9.326 176	35	9.336 154	37	0.663 846	9.990 022	2	765	
236	9.326 211	35	9.336 190	36	0.663 810	9.990 020	2	764	
		35		37			1		
237	9.326 246		9.336 227		0.663 773	9.990 019		763	
238	9.326 281	35	9.336 264	37	0.663 736	9.990 017	2	762	
239	9.326 315	34	9.336 300	36	0.663 700	9.990 015	2	761	
		35		37			1		
.240	9.326 350		9.336 337		0.663 663	9.990 014		**.760**	
		35		36			2		
241	9.326 385		9.336 373		0.663 627	9.990 012		759	
242	9.326 420	35	9.336 410	37	0.663 590	9.990 010	2	758	
243	9.326 455	35	9.336 446	36	0.663 554	9.990 009	1	757	
		35		37			2		
244	9.326 490		9.336 483		0.663 517	9.990 007		756	
245	9.326 525	35	9.336 520	37	0.663 480	9.990 006	1	755	
246	9.326 560	35	9.336 556	36	0.663 444	9.990 004	2	754	
		35		37			2		
247	9.326 595		9.336 593		0.663 407	9.990 002		753	
248	9.326 630	35	9.336 629	36	0.663 371	9.990 001	1	752	
249	9.326 665	35	9.336 666	37	0.663 334	9.989 999	2	751	
		35		36			2		
.250	9.326 700		9.336 702		0.663 298	9.989 997		**.750**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

77°.800 — 77°.750

12°.250 — 12°.300

12°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.326 700		9.336 702		0.663 298	9.989 997		**.750**	
		35		37			1		
251	9.326 735		9.336 739		0.663 261	9.989 996		749	
252	9.326 769	34	9.336 776	37	0.663 224	9.989 994	2	748	
253	9.326 804	35	9.336 812	36	0.663 188	9.989 992	2	747	
		35		37			1		37
254	9.326 839		9.336 849		0.663 151	9.989 991		746	1 3.7
255	9.326 874	35	9.336 885	36	0.663 115	9.989 989	2	745	2 7.4
256	9.326 909	35	9.336 922	37	0.663 078	9.989 987	2	744	3 11.1
		35		36			1		4 14.8
257	9.326 944		9.336 958		0.663 042	9.989 986		743	5 18.5
258	9.326 979	35	9.336 995	37	0.663 005	9.989 984	2	742	6 22.2
259	9.327 014	35	9.337 031	36	0.662 969	9.989 982	2	741	7 25.9
		35		37			1		8 29.6
.260	9.327 049		9.337 068		0.662 932	9.989 981		**.740**	9 33.3
		35		36			2		
261	9.327 084		9.337 104		0.662 896	9.989 979		739	
262	9.327 118	34	9.337 141	37	0.662 859	9.989 978	1	738	
263	9.327 153	35	9.337 177	36	0.662 823	9.989 976	2	737	
		35		37			2		
264	9.327 188		9.337 214		0.662 786	9.989 974		736	
265	9.327 223	35	9.337 250	36	0.662 750	9.989 973	1	735	
266	9.327 258	35	9.337 287	37	0.662 713	9.989 971	2	734	
		35		36			2		36
267	9.327 293		9.337 323		0.662 677	9.989 969		733	1 3.6
268	9.327 328	35	9.337 360	37	0.662 640	9.989 968	1	732	2 7.2
269	9.327 362	34	9.337 396	36	0.662 604	9.989 966	2	731	3 10.8
		35		37			2		4 14.4
.270	9.327 397		9.337 433		0.662 567	9.989 964		**.730**	5 18.0
		35		36			1		6 21.6
271	9.327 432		9.337 469		0.662 531	9.989 963		729	7 25.2
272	9.327 467	35	9.337 506	37	0.662 494	9.989 961	2	728	8 28.8
273	9.327 502	35	9.337 542	36	0.662 458	9.989 959	2	727	9 32.4
		35		37			1		
274	9.327 537		9.337 579		0.662 421	9.989 958		726	
275	9.327 572	35	9.337 615	36	0.662 385	9.989 956	2	725	
276	9.327 606	34	9.337 652	37	0.662 348	9.989 954	2	724	
		35		36			1		
277	9.327 641		9.337 688		0.662 312	9.989 953		723	35
278	9.327 676	35	9.337 725	37	0.662 275	9.989 951	2	722	
279	9.327 711	35	9.337 761	36	0.662 239	9.989 949	2	721	1 3.5
		35		37			1		2 7.0
.280	9.327 746		9.337 798		0.662 202	9.989 948		**.720**	3 10.5
		35		36			2		4 14.0
281	9.327 781		9.337 834		0.662 166	9.989 946		719	5 17.5
282	9.327 815	34	9.337 871	37	0.662 129	9.989 945	1	718	6 21.0
283	9.327 850	35	9.337 907	36	0.662 093	9.989 943	2	717	7 24.5
		35		37			2		8 28.0
284	9.327 885		9.337 944		0.662 056	9.989 941		716	9 31.5
285	9.327 920	35	9.337 980	36	0.662 020	9.989 940	1	715	
286	9.327 955	35	9.338 017	37	0.661 983	9.989 938	2	714	
		34		36			2		
287	9.327 989		9.338 053		0.661 947	9.989 936		713	
288	9.328 024	35	9.338 090	37	0.661 910	9.989 935	1	712	
289	9.328 059	35	9.338 126	36	0.661 874	9.989 933	2	711	34
		35		36			2		
.290	9.328 094		9.338 162		0.661 838	9.989 931		**.710**	1 3.4
		35		37			1		2 6.8
291	9.328 129		9.338 199		0.661 801	9.989 930		709	3 10.2
292	9.328 163	34	9.338 235	36	0.661 765	9.989 928	2	708	4 13.6
293	9.328 198	35	9.338 272	37	0.661 728	9.989 926	2	707	5 17.0
		35		36			1		6 20.4
294	9.328 233		9.338 308		0.661 692	9.989 925		706	7 23.8
295	9.328 268	35	9.338 345	37	0.661 655	9.989 923	2	705	8 27.2
296	9.328 302	34	9.338 381	36	0.661 619	9.989 921	2	704	9 30.6
		35		36			1		
297	9.328 337		9.338 417		0.661 583	9.989 920		703	
298	9.328 372	35	9.338 454	37	0.661 546	9.989 918	2	702	
299	9.328 407	35	9.338 490	36	0.661 510	9.989 916	2	701	
		35		37			1		
.300	9.328 442		9.338 527		0.661 473	9.989 915		**.700**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

77°.750 — 77°.700

12°.300 — 12°.350

12°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.328 442		9.338 527		0.661 473	9.989 915		.700	
		34		36			2		
301	9.328 476		9.338 563		0.661 437	9.989 913		699	
302	9.328 511	35	9.338 600	37	0.661 400	9.989 912	1	698	
303	9.328 546	35	9.338 636	36	0.661 364	9.989 910	2	697	
		35		36			2		37
304	9.328 581		9.338 672		0.661 328	9.989 908		696	1 3.7
305	9.328 615	34	9.338 709	37	0.661 291	9.989 907	1	695	2 7.4
306	9.328 650	35	9.338 745	36	0.661 255	9.989 905	2	694	3 11.1
		35		37			2		4 14.8
307	9.328 685		9.338 782		0.661 218	9.989 903		693	5 18.5
308	9.328 720	35	9.338 818	36	0.661 182	9.989 902	1	692	6 22.2
309	9.328 754	34	9.338 854	36	0.661 146	9.989 900	2	691	7 25.9
		35		37			2		8 29.6
.310	9.328 789		9.338 891		0.661 109	9.989 898		.690	9 33.3
		35		36			1		
311	9.328 824		9.338 927		0.661 073	9.989 897		689	
312	9.328 859	35	9.338 964	37	0.661 036	9.989 895	2	688	
313	9.328 893	34	9.339 000	36	0.661 000	9.989 893	2	687	
		35		36			1		
314	9.328 928		9.339 036		0.660 964	9.989 892		686	
315	9.328 963	35	9.339 073	37	0.660 927	9.989 890	2	685	
316	9.328 997	34	9.339 109	36	0.660 891	9.989 888	2	684	36
		35		36			1		
317	9.329 032		9.339 145		0.660 855	9.989 887		683	1 3.6
318	9.329 067	35	9.339 182	37	0.660 818	9.989 885	2	682	2 7.2
319	9.329 102	35	9.339 218	36	0.660 782	9.989 883	2	681	3 10.8
		34		37			1		4 14.4
.320	9.329 136		9.339 255		0.660 745	9.989 882		.680	5 18.0
		35		36			2		6 21.6
321	9.329 171		9.339 291		0.660 709	9.989 880		679	7 25.2
322	9.329 206	35	9.339 327	36	0.660 673	9.989 878	2	678	8 28.8
323	9.329 240	34	9.339 364	37	0.660 636	9.989 877	1	677	9 32.4
		35		36			2		
324	9.329 275		9.339 400		0.660 600	9.989 875		676	
325	9.329 310	35	9.339 436	36	0.660 564	9.989 873	2	675	
326	9.329 344	34	9.339 473	37	0.660 527	9.989 872	1	674	
		35		36			2		
327	9.329 379		9.339 509		0.660 491	9.989 870		673	35
328	9.329 414	35	9.339 545	36	0.660 455	9.989 868	2	672	
329	9.329 448	34	9.339 582	37	0.660 418	9.989 867	1	671	1 3.5
		35		36			2		2 7.0
.330	9.329 483		9.339 618		0.660 382	9.989 865		.670	3 10.5
		35		36			1		4 14.0
331	9.329 518		9.339 654		0.660 346	9.989 864		669	5 17.5
332	9.329 553	35	9.339 691	37	0.660 309	9.989 862	2	668	6 21.0
333	9.329 587	34	9.339 727	36	0.660 273	9.989 860	2	667	7 24.5
		35		36			1		8 28.0
334	9.329 622		9.339 763		0.660 237	9.989 859		666	9 31.5
335	9.329 657	35	9.339 800	37	0.660 200	9.989 857	2	665	
336	9.329 691	34	9.339 836	36	0.660 164	9.989 855	2	664	
		35		36			1		
337	9.329 726		9.339 872		0.660 128	9.989 854		663	
338	9.329 761	35	9.339 909	37	0.660 091	9.989 852	2	662	
339	9.329 795	34	9.339 945	36	0.660 055	9.989 850	2	661	34
		35		36			1		
.340	9.329 830		9.339 981		0.660 019	9.989 849		.660	1 3.4
		34		37			2		2 6.8
341	9.329 864		9.340 018		0.659 982	9.989 847		659	3 10.2
342	9.329 899	35	9.340 054	36	0.659 946	9.989 845	2	658	4 13.6
343	9.329 934	35	9.340 090	36	0.659 910	9.989 844	1	657	5 17.0
		34		36			2		6 20.4
344	9.329 968		9.340 126		0.659 874	9.989 842		656	7 23.8
345	9.330 003	35	9.340 163	37	0.659 837	9.989 840	2	655	8 27.2
346	9.330 038	35	9.340 199	36	0.659 801	9.989 839	1	654	9 30.6
		34		36			2		
347	9.330 072		9.340 235		0.659 765	9.989 837		653	
348	9.330 107	35	9.340 272	37	0.659 728	9.989 835	2	652	
349	9.330 142	35	9.340 308	36	0.659 692	9.989 834	1	651	
		34		36			2		
.350	9.330 176		9.340 344		0.659 656	9.989 832		.650	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.700 — 77°.650

12°.350 — 12°.400

12°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.330 176		9.340 344		0.659 656	9.989 832		.650	
		35		36			2		
351	9.330 211		9.340 380		0.659 620	9.989 830		649	
352	9.330 245	34	9.340 417	37	0.659 583	9.989 829	1	648	
353	9.330 280	35	9.340 453	36	0.659 547	9.989 827	2	647	
		35		36			2		37
354	9.330 315		9.340 489		0.659 511	9.989 825		646	1 3.7
355	9.330 349	34	9.340 525	36	0.659 475	9.989 824	1	645	2 7.4
356	9.330 384	35	9.340 562	37	0.659 438	9.989 822	2	644	3 11.1
		34		36			2		4 14.8
357	9.330 418		9.340 598		0.659 402	9.989 820		643	5 18.5
358	9.330 453	35	9.340 634	36	0.659 366	9.989 819	1	642	6 22.2
359	9.330 488	35	9.340 671	37	0.659 329	9.989 817	2	641	7 25.9
		34		36			2		8 29.6
.360	9.330 522		9.340 707		0.659 293	9.989 815		.640	9 33.3
		35		36			1		
361	9.330 557		9.340 743		0.659 257	9.989 814		639	
362	9.330 591	34	9.340 779	36	0.659 221	9.989 812	2	638	
363	9.330 626	35	9.340 816	37	0.659 184	9.989 810	2	637	
		35		36			1		
364	9.330 661		9.340 852		0.659 148	9.989 809		636	
365	9.330 695	34	9.340 888	36	0.659 112	9.989 807	2	635	
366	9.330 730	35	9.340 924	36	0.659 076	9.989 805	2	634	36
		34		36			1		1 3.6
367	9.330 764		9.340 960		0.659 040	9.989 804		633	2 7.2
368	9.330 799	35	9.340 997	37	0.659 003	9.989 802	2	632	3 10.8
369	9.330 833	34	9.341 033	36	0.658 967	9.989 800	2	631	4 14.4
		35		36			1		5 18.0
.370	9.330 868		9.341 069		0.658 931	9.989 799		.630	6 21.6
		35		36			2		7 25.2
371	9.330 903		9.341 105		0.658 895	9.989 797		629	8 28.8
372	9.330 937	34	9.341 142	37	0.658 858	9.989 795	2	628	9 32.4
373	9.330 972	35	9.341 178	36	0.658 822	9.989 794	1	627	
		34		36			2		
374	9.331 006		9.341 214		0.658 786	9.989 792		626	
375	9.331 041	35	9.341 250	36	0.658 750	9.989 790	2	625	
376	9.331 075	34	9.341 286	36	0.658 714	9.989 789	1	624	
		35		37			2		
377	9.331 110		9.341 323		0.658 677	9.989 787		623	35
378	9.331 144	34	9.341 359	36	0.658 641	9.989 785	2	622	1 3.5
379	9.331 179	35	9.341 395	36	0.658 605	9.989 784	1	621	2 7.0
		34		36			2		3 10.5
.380	9.331 213		9.341 431		0.658 569	9.989 782		.620	4 14.0
		35		36			1		5 17.5
381	9.331 248		9.341 467		0.658 533	9.989 781		619	6 21.0
382	9.331 282	34	9.341 504	37	0.658 496	9.989 779	2	618	7 24.5
383	9.331 317	35	9.341 540	36	0.658 460	9.989 777	2	617	8 28.0
		35		36			1		9 31.5
384	9.331 352		9.341 576		0.658 424	9.989 776		616	
385	9.331 386	34	9.341 612	36	0.658 388	9.989 774	2	615	
386	9.331 421	35	9.341 648	36	0.658 352	9.989 772	2	614	
		34		37			1		
387	9.331 455		9.341 685		0.658 315	9.989 771		613	
388	9.331 490	35	9.341 721	36	0.658 279	9.989 769	2	612	
389	9.331 524	34	9.341 757	36	0.658 243	9.989 767	2	611	34
		35		36			1		
.390	9.331 559		9.341 793		0.658 207	9.989 766		.610	1 3.4
		34		36			2		2 6.8
391	9.331 593		9.341 829		0.658 171	9.989 764		609	3 10.2
392	9.331 628	35	9.341 865	36	0.658 135	9.989 762	2	608	4 13.6
393	9.331 662	34	9.341 902	37	0.658 098	9.989 761	1	607	5 17.0
		35		36			2		6 20.4
394	9.331 697		9.341 938		0.658 062	9.989 759		606	7 23.8
395	9.331 731	34	9.341 974	36	0.658 026	9.989 757	2	605	8 27.2
396	9.331 766	35	9.342 010	36	0.657 990	9.989 756	1	604	9 30.6
		34		36			2		
397	9.331 800		9.342 046		0.657 954	9.989 754		603	
398	9.331 835	35	9.342 082	36	0.657 918	9.989 752	2	602	
399	9.331 869	34	9.342 118	36	0.657 882	9.989 751	1	601	
		34		37			2		
.400	9.331 903		9.342 155		0.657 845	9.989 749		.600	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.650 — 77°.600

12°.400 — 12°.450

12°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.331 903		9.342 155		0.657 845	9.989 749		.600	
		35		36			2		
401	9.331 938		9.342 191		0.657 809	9.989 747		599	
402	9.331 972	34	9.342 227	36	0.657 773	9.989 746	1	598	
403	9.332 007	35	9.342 263	36	0.657 737	9.989 744	2	597	
		34		36			2		
404	9.332 041		9.342 299		0.657 701	9.989 742		596	
405	9.332 076	35	9.342 335	36	0.657 665	9.989 741	1	595	
406	9.332 110	34	9.342 371	36	0.657 629	9.989 739	2	594	
		35		37			2		
407	9.332 145		9.342 408		0.657 592	9.989 737		593	
408	9.332 179	34	9.342 444	36	0.657 556	9.989 736	1	592	
409	9.332 214	35	9.342 480	36	0.657 520	9.989 734	2	591	
		34		36			2		
.410	9.332 248		9.342 516		0.657 484	9.989 732		.590	
		35		36			1		
411	9.332 283		9.342 552		0.657 448	9.989 731		589	
412	9.332 317	34	9.342 588	36	0.657 412	9.989 729	2	588	
413	9.332 351	34	9.342 624	36	0.657 376	9.989 727	2	587	
		35		36			1		
414	9.332 386		9.342 660		0.657 340	9.989 726		586	
415	9.332 420	34	9.342 696	36	0.657 304	9.989 724	2	585	
416	9.332 455	35	9.342 733	37	0.657 267	9.989 722	2	584	
		34		36			1		
417	9.332 489		9.342 769		0.657 231	9.989 721		583	
418	9.332 524	35	9.342 805	36	0.657 195	9.989 719	2	582	
419	9.332 558	34	9.342 841	36	0.657 159	9.989 717	2	581	
		34		36			1		
.420	9.332 592		9.342 877		0.657 123	9.989 716		.580	
		35		36			2		
421	9.332 627		9.342 913		0.657 087	9.989 714		579	
422	9.332 661	34	9.342 949	36	0.657 051	9.989 712	2	578	
423	9.332 696	35	9.342 985	36	0.657 015	9.989 710	2	577	
		34		36			1		
424	9.332 730		9.343 021		0.656 979	9.989 709		576	
425	9.332 764	34	9.343 057	36	0.656 943	9.989 707	2	575	
426	9.332 799	35	9.343 093	36	0.656 907	9.989 705	2	574	
		34		36			1		
427	9.332 833		9.343 129		0.656 871	9.989 704		573	
428	9.332 868	35	9.343 166	37	0.656 834	9.989 702	2	572	
429	9.332 902	34	9.343 202	36	0.656 798	9.989 700	2	571	
		34		36			1		
.430	9.332 936		9.343 238		0.656 762	9.989 699		.570	
		35		36			2		
431	9.332 971		9.343 274		0.656 726	9.989 697		569	
432	9.333 005	34	9.343 310	36	0.656 690	9.989 695	2	568	
433	9.333 040	35	9.343 346	36	0.656 654	9.989 694	1	567	
		34		36			2		
434	9.333 074		9.343 382		0.656 618	9.989 692		566	
435	9.333 108	34	9.343 418	36	0.656 582	9.989 690	2	565	
436	9.333 143	35	9.343 454	36	0.656 546	9.989 689	1	564	
		34		36			2		
437	9.333 177		9.343 490		0.656 510	9.989 687		563	
438	9.333 211	34	9.343 526	36	0.656 474	9.989 685	2	562	
439	9.333 246	35	9.343 562	36	0.656 438	9.989 684	1	561	
		34		36			2		
.440	9.333 280		9.343 598		0.656 402	9.989 682		.560	
		35		36			2		
441	9.333 315		9.343 634		0.656 366	9.989 680		559	
442	9.333 349	34	9.343 670	36	0.656 330	9.989 679	1	558	
443	9.333 383	34	9.343 706	36	0.656 294	9.989 677	2	557	
		35		36			2		
444	9.333 418		9.343 742		0.656 258	9.989 675		556	
445	9.333 452	34	9.343 778	36	0.656 222	9.989 674	1	555	
446	9.333 486	34	9.343 814	36	0.656 186	9.989 672	2	554	
		35		36			2		
447	9.333 521		9.343 850		0.656 150	9.989 670		553	
448	9.333 555	34	9.343 886	36	0.656 114	9.989 669	1	552	
449	9.333 589	34	9.343 922	36	0.656 078	9.989 667	2	551	
		35		36			2		
.450	9.333 624		9.343 958		0.656 042	9.989 665		.550	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

77°.600 — 77°.550

12°.450 — 12°.500

12°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.333 624		9.343 958		0.656 042	9.989 665		**.550**	
		34		36			1		
451	9.333 658		9.343 994		0.656 006	9.989 664		549	
452	9.333 692	34	9.344 030	36	0.655 970	9.989 662	2	548	
453	9.333 727	35	9.344 066	36	0.655 934	9.989 660	2	547	
		34		36			1		
454	9.333 761		9.344 102		0.655 898	9.989 659		546	
455	9.333 795	34	9.344 138	36	0.655 862	9.989 657	2	545	
456	9.333 830	35	9.344 174	36	0.655 826	9.989 655	2	544	
		34		36			1		
457	9.333 864		9.344 210		0.655 790	9.989 654		543	
458	9.333 898	34	9.344 246	36	0.655 754	9.989 652	2	542	
459	9.333 933	35	9.344 282	36	0.655 718	9.989 650	2	541	
		34		36			1		
.460	9.333 967		9.344 318		0.655 682	9.989 649		**.540**	
		34		36			2		
461	9.334 001		9.344 354		0.655 646	9.989 647		539	
462	9.334 035	34	9.344 390	36	0.655 610	9.989 645	2	538	
463	9.334 070	35	9.344 426	36	0.655 574	9.989 644	1	537	
		34		36			2		
464	9.334 104		9.344 462		0.655 538	9.989 642		536	
465	9.334 138	34	9.344 498	36	0.655 502	9.989 640	2	535	
466	9.334 173	35	9.344 534	36	0.655 466	9.989 639	1	534	
		34		36			2		
467	9.334 207		9.344 570		0.655 430	9.989 637		533	
468	9.334 241	34	9.344 606	36	0.655 394	9.989 635	2	532	
469	9.334 275	34	9.344 642	36	0.655 358	9.989 634	1	531	
		35		36			2		
.470	9.334 310		9.344 678		0.655 322	9.989 632		**.530**	
		34		36			2		
471	9.334 344		9.344 714		0.655 286	9.989 630		529	
472	9.334 378	34	9.344 750	36	0.655 250	9.989 629	1	528	
473	9.334 413	35	9.344 786	36	0.655 214	9.989 627	2	527	
		34		36			2		
474	9.334 447		9.344 822		0.655 178	9.989 625		526	
475	9.334 481	34	9.344 858	36	0.655 142	9.989 623	2	525	
476	9.334 515	34	9.344 894	36	0.655 106	9.989 622	1	524	
		35		35			2		
477	9.334 550		9.344 929		0.655 071	9.989 620		523	
478	9.334 584	34	9.344 965	36	0.655 035	9.989 618	2	522	
479	9.334 618	34	9.345 001	36	0.654 999	9.989 617	1	521	
		34		36			2		
.480	9.334 652		9.345 037		0.654 963	9.989 615		**.520**	
		35		36			2		
481	9.334 687		9.345 073		0.654 927	9.989 613		519	
482	9.334 721	34	9.345 109	36	0.654 891	9.989 612	1	518	
483	9.334 755	34	9.345 145	36	0.654 855	9.989 610	2	517	
		34		36			2		
484	9.334 789		9.345 181		0.654 819	9.989 608		516	
485	9.334 824	35	9.345 217	36	0.654 783	9.989 607	1	515	
486	9.334 858	34	9.345 253	36	0.654 747	9.989 605	2	514	
		34		36			2		
487	9.334 892		9.345 289		0.654 711	9.989 603		513	
488	9.334 926	34	9.345 325	36	0.654 675	9.989 602	1	512	
489	9.334 960	34	9.345 360	35	0.654 640	9.989 600	2	511	
		35		36			2		
.490	9.334 995		9.345 396		0.654 604	9.989 598		**.510**	
		34		36			1		
491	9.335 029		9.345 432		0.654 568	9.989 597		509	
492	9.335 063	34	9.345 468	36	0.654 532	9.989 595	2	508	
493	9.335 097	34	9.345 504	36	0.654 496	9.989 593	2	507	
		35		36			1		
494	9.335 132		9.345 540		0.654 460	9.989 592		506	
495	9.335 166	34	9.345 576	36	0.654 424	9.989 590	2	505	
496	9.335 200	34	9.345 612	36	0.654 388	9.989 588	2	504	
		34		36			1		
497	9.335 234		9.345 648		0.654 352	9.989 587		503	
498	9.335 268	34	9.345 683	35	0.654 317	9.989 585	2	502	
499	9.335 303	35	9.345 719	36	0.654 281	9.989 583	2	501	
		34		36			1		
.500	9.335 337		9.345 755		0.654 245	9.989 582		**.500**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

77°.550 — 77°.500

$12^\circ.500 - 12^\circ.550$

12°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.335 337		9.345 755		0.654 245	9.989 582		**.500**	
		34		36			2		
501	9.335 371		9.345 791		0.654 209	9.989 580		499	
502	9.335 405	34	9.345 827	36	0.654 173	9.989 578	2	498	
503	9.335 439	34	9.345 863	36	0.654 137	9.989 576	2	497	
		34		36			1		
504	9.335 473		9.345 899		0.654 101	9.989 575		496	
505	9.335 508	35	9.345 935	36	0.654 065	9.989 573	2	495	
506	9.335 542	34	9.345 970	35	0.654 030	9.989 571	2	494	
		34		36			1		
507	9.335 576		9.346 006		0.653 994	9.989 570		493	
508	9.335 610	34	9.346 042	36	0.653 958	9.989 568	2	492	
509	9.335 644	34	9.346 078	36	0.653 922	9.989 566	2	491	
		35		36			1		
.510	9.335 679		9.346 114		0.653 886	9.989 565		**.490**	
		34		36			2		
511	9.335 713		9.346 150		0.653 850	9.989 563		489	
512	9.335 747	34	9.346 185	35	0.653 815	9.989 561	2	488	
513	9.335 781	34	9.346 221	36	0.653 779	9.989 560	1	487	
		34		36			2		
514	9.335 815		9.346 257		0.653 743	9.989 558		486	
515	9.335 849	34	9.346 293	36	0.653 707	9.989 556	2	485	
516	9.335 883	34	9.346 329	36	0.653 671	9.989 555	1	484	
		35		36			2		
517	9.335 918		9.346 365		0.653 635	9.989 553		483	
518	9.335 952	34	9.346 400	35	0.653 600	9.989 551	2	482	
519	9.335 986	34	9.346 436	36	0.653 564	9.989 550	1	481	
		34		36			2		
.520	9.336 020		9.346 472		0.653 528	9.989 548		**.480**	
		34		36			2		
521	9.336 054		9.346 508		0.653 492	9.989 546		479	
522	9.336 088	34	9.346 544	36	0.653 456	9.989 545	1	478	
523	9.336 122	34	9.346 580	36	0.653 420	9.989 543	2	477	
		35		35			2		
524	9.336 157		9.346 615		0.653 385	9.989 541		476	
525	9.336 191	34	9.346 651	36	0.653 349	9.989 539	2	475	
526	9.336 225	34	9.346 687	36	0.653 313	9.989 538	1	474	
		34		36			2		
527	9.336 259		9.346 723		0.653 277	9.989 536		473	
528	9.336 293	34	9.346 759	36	0.653 241	9.989 534	2	472	
529	9.336 327	34	9.346 794	35	0.653 206	9.989 533	1	471	
		34		36			2		
.530	9.336 361		9.346 830		0.653 170	9.989 531		**.470**	
		34		36			2		
531	9.336 395		9.346 866		0.653 134	9.989 529		469	
532	9.336 429	34	9.346 902	36	0.653 098	9.989 528	1	468	
533	9.336 464	35	9.346 938	36	0.653 062	9.989 526	2	467	
		34		35			2		
534	9.336 498		9.346 973		0.653 027	9.989 524		466	
535	9.336 532	34	9.347 009	36	0.652 991	9.989 523	1	465	
536	9.336 566	34	9.347 045	36	0.652 955	9.989 521	2	464	
		34		36			2		
537	9.336 600		9.347 081		0.652 919	9.989 519		463	
538	9.336 634	34	9.347 116	35	0.652 884	9.989 518	1	462	
539	9.336 668	34	9.347 152	36	0.652 848	9.989 516	2	461	
		34		36			2		
.540	9.336 702		9.347 188		0.652 812	9.989 514		**.460**	
		34		36			2		
541	9.336 736		9.347 224		0.652 776	9.989 512		459	
542	9.336 770	34	9.347 259	35	0.652 741	9.989 511	1	458	
543	9.336 804	34	9.347 295	36	0.652 705	9.989 509	2	457	
		34		36			2		
544	9.336 838		9.347 331		0.652 669	9.989 507		456	
545	9.336 872	34	9.347 367	36	0.652 633	9.989 506	1	455	
546	9.336 907	35	9.347 402	35	0.652 598	9.989 504	2	454	
		34		36			2		
547	9.336 941		9.347 438		0.652 562	9.989 502		453	
548	9.336 975	34	9.347 474	36	0.652 526	9.989 501	1	452	
549	9.337 009	34	9.347 510	36	0.652 490	9.989 499	2	451	
		34		35			2		
.550	9.337 043		9.347 545		0.652 455	9.989 497		**.450**	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

$77^\circ.500 - 77^\circ.450$

12°.550 — 12°.600

12°	sin	d	tang	d	cotg	cos	d		P.P.
·550	9·337 043		9·347 545		0·652 455	9·989 497		·450	
		34		36			1		
551	9·337 077		9·347 581		0·652 419	9·989 496		449	
552	9·337 111	34	9·347 617	36	0·652 383	9·989 494	2	448	
553	9·337 145	34	9·347 653	36	0·652 347	9·989 492	2	447	
		34		35			1		36
554	9·337 179		9·347 688		0·652 312	9·989 491		446	1 3.6
555	9·337 213	34	9·347 724	36	0·652 276	9·989 489	2	445	2 7.2
556	9·337 247	34	9·347 760	36	0·652 240	9·989 487	2	444	3 10.8
		34		36			1		4 14.4
557	9·337 281		9·347 796		0·652 204	9·989 486		443	5 18.0
558	9·337 315	34	9·347 831	35	0·652 169	9·989 484	2	442	6 21.6
559	9·337 349	34	9·347 867	36	0·652 133	9·989 482	2	441	7 25.2
		34		36			2		8 28.8
·560	9·337 383		9·347 903		0·652 097	9·989 480		·440	9 32.4
		34		35			1		
561	9·337 417		9·347 938		0·652 062	9·989 479		439	
562	9·337 451	34	9·347 974	36	0·652 026	9·989 477	2	438	
563	9·337 485	34	9·348 010	36	0·651 990	9·989 475	2	437	
		34		36			1		
564	9·337 519		9·348 046		0·651 954	9·989 474		436	
565	9·337 553	34	9·348 081	35	0·651 919	9·989 472	2	435	
566	9·337 587	34	9·348 117	36	0·651 883	9·989 470	2	434	35
		34		36			1		1 3.5
567	9·337 621		9·348 153		0·651 847	9·989 469		433	2 7.0
568	9·337 655	34	9·348 188	35	0·651 812	9·989 467	2	432	3 10.5
569	9·337 689	34	9·348 224	36	0·651 776	9·989 465	2	431	4 14.0
		34		36			1		5 17.5
·570	9·337 723		9·348 260		0·651 740	9·989 464		·430	6 21.0
		34		35			2		7 24.5
571	9·337 757		9·348 295		0·651 705	9·989 462		429	8 28.0
572	9·337 791	34	9·348 331	36	0·651 669	9·989 460	2	428	9 31.5
573	9·337 825	34	9·348 367	36	0·651 633	9·989 458	2	427	
		34		35			1		
574	9·337 859		9·348 402		0·651 598	9·989 457		426	
575	9·337 893	34	9·348 438	36	0·651 562	9·989 455	2	425	
576	9·337 927	34	9·348 474	36	0·651 526	9·989 453	2	424	
		34		35			1		
577	9·337 961		9·348 509		0·651 491	9·989 452		423	34
578	9·337 995	34	9·348 545	36	0·651 455	9·989 450	2	422	
579	9·338 029	34	9·348 581	36	0·651 419	9·989 448	2	421	1 3.4
		34		35			1		2 6.8
·580	9·338 063		9·348 616		0·651 384	9·989 447		·420	3 10.2
		34		36			2		4 13.6
581	9·338 097		9·348 652		0·651 348	9·989 445		419	5 17.0
582	9·338 131	34	9·348 688	36	0·651 312	9·989 443	2	418	6 20.4
583	9·338 165	34	9·348 723	35	0·651 277	9·989 442	1	417	7 23.8
		34		36			2		8 27.2
584	9·338 199		9·348 759		0·651 241	9·989 440		416	9 30.6
585	9·338 233	34	9·348 795	36	0·651 205	9·989 438	2	415	
586	9·338 267	34	9·348 830	35	0·651 170	9·989 436	2	414	
		34		36			1		
587	9·338 301		9·348 866		0·651 134	9·989 435		413	
588	9·338 335	34	9·348 902	36	0·651 098	9·989 433	2	412	
589	9·338 369	34	9·348 937	35	0·651 063	9·989 431	2	411	33
		34		36			1		
·590	9·338 403		9·348 973		0·651 027	9·989 430		·410	1 3.3
		33		35			2		2 6.6
591	9·338 436		9·349 008		0·650 992	9·989 428		409	3 9.9
592	9·338 470	34	9·349 044	36	0·650 956	9·989 426	2	408	4 13.2
593	9·338 504	34	9·349 080	36	0·650 920	9·989 425	1	407	5 16.5
		34		35			2		6 19.8
594	9·338 538		9·349 115		0·650 885	9·989 423		406	7 23.1
595	9·338 572	34	9·349 151	36	0·650 849	9·989 421	2	405	8 26.4
596	9·338 606	34	9·349 187	36	0·650 813	9·989 420	1	404	9 29.7
		34		35			2		
597	9·338 640		9·349 222		0·650 778	9·989 418		403	
598	9·338 674	34	9·349 258	36	0·650 742	9·989 416	2	402	
599	9·338 708	34	9·349 293	35	0·650 707	9·989 414	2	401	
		34		36			1		
·600	9·338 742		9·349 329		0·650 671	9·989 413		·400	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.450 — 77°.400

12°.600 — 12°.650

12°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.338 742		9.349 329		0.650 671	9.989 413		**.400**	
		34		36			2		
601	9.338 776		9.349 365		0.650 635	9.989 411		399	
602	9.338 810	34	9.349 400	35	0.650 600	9.989 409	2	398	
603	9.338 843	33	9.349 436	36	0.650 564	9.989 408	1	397	
		34		35			2		
604	9.338 877		9.349 471		0.650 529	9.989 406		396	
605	9.338 911	34	9.349 507	36	0.650 493	9.989 404	2	395	
606	9.338 945	34	9.349 543	36	0.650 457	9.989 403	1	394	
		34		35			2		
607	9.338 979		9.349 578		0.650 422	9.989 401		393	
608	9.339 013	34	9.349 614	36	0.650 386	9.989 399	2	392	
609	9.339 047	34	9.349 649	35	0.650 351	9.989 398	1	391	
		34		36			2		
.610	9.339 081		9.349 685		0.650 315	9.989 396		**.390**	
		34		35			2		
611	9.339 115		9.349 720		0.650 280	9.989 394		389	
612	9.339 148	33	9.349 756	36	0.650 244	9.989 392	2	388	
613	9.339 182	34	9.349 792	36	0.650 208	9.989 391	1	387	
		34		35			2		
614	9.339 216		9.349 827		0.650 173	9.989 389		386	
615	9.339 250	34	9.349 863	36	0.650 137	9.989 387	2	385	
616	9.339 284	34	9.349 898	35	0.650 102	9.989 386	1	384	
		34		36			2		
617	9.339 318		9.349 934		0.650 066	9.989 384		383	
618	9.339 352	34	9.349 969	35	0.650 031	9.989 382	2	382	
619	9.339 386	34	9.350 005	36	0.649 995	9.989 381	1	381	
		33		36			2		
.620	9.339 419		9.350 041		0.649 959	9.989 379		**.380**	
		34		35			2		
621	9.339 453		9.350 076		0.649 924	9.989 377		379	
622	9.339 487	34	9.350 112	36	0.649 888	9.989 375	2	378	
623	9.339 521	34	9.350 147	35	0.649 853	9.989 374	1	377	
		34		36			2		
624	9.339 555		9.350 183		0.649 817	9.989 372		376	
625	9.339 589	34	9.350 218	35	0.649 782	9.989 370	2	375	
626	9.339 622	33	9.350 254	36	0.649 746	9.989 369	1	374	
		34		35			2		
627	9.339 656		9.350 289		0.649 711	9.989 367		373	
628	9.339 690	34	9.350 325	36	0.649 675	9.989 365	2	372	
629	9.339 724	34	9.350 360	35	0.649 640	9.989 364	1	371	
		34		36			2		
.630	9.339 758		9.350 396		0.649 604	9.989 362		**.370**	
		34		35			2		
631	9.339 792		9.350 431		0.649 569	9.989 360		369	
632	9.339 825	33	9.350 467	36	0.649 533	9.989 358	2	368	
633	9.339 859	34	9.350 503	36	0.649 497	9.989 357	1	367	
		34		35			2		
634	9.339 893		9.350 538		0.649 462	9.989 355		366	
635	9.339 927	34	9.350 574	36	0.649 426	9.989 353	2	365	
636	9.339 961	34	9.350 609	35	0.649 391	9.989 352	1	364	
		34		36			2		
637	9.339 995		9.350 645		0.649 355	9.989 350		363	
638	9.340 028	33	9.350 680	35	0.649 320	9.989 348	2	362	
639	9.340 062	34	9.350 716	36	0.649 284	9.989 347	1	361	
		34		35			2		
.640	9.340 096		9.350 751		0.649 249	9.989 345		**.360**	
		34		36			2		
641	9.340 130		9.350 787		0.649 213	9.989 343		359	
642	9.340 164	34	9.350 822	35	0.649 178	9.989 341	2	358	
643	9.340 197	33	9.350 858	36	0.649 142	9.989 340	1	357	
		34		35			2		
644	9.340 231		9.350 893		0.649 107	9.989 338		356	
645	9.340 265	34	9.350 929	36	0.649 071	9.989 336	2	355	
646	9.340 299	34	9.350 964	35	0.649 036	9.989 335	1	354	
		33		35			2		
647	9.340 332		9.350 999		0.649 001	9.989 333		353	
648	9.340 366	34	9.351 035	36	0.648 965	9.989 331	2	352	
649	9.340 400	34	9.351 070	35	0.648 930	9.989 330	1	351	
		34		36			2		
.650	9.340 434		9.351 106		0.648 894	9.989 328		**.350**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

77°.400 — 77°.350

12°.650 — 12°.700

12°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.340 434		9.351 106		0.648 894	9.989 328		**.350**	
		34		35			2		
651	9.340 468		9.351 141		0.648 859	9.989 326		349	
		33		36			2		
652	9.340 501		9.351 177		0.648 823	9.989 324		348	
		34		35			1		
653	9.340 535		9.351 212		0.648 788	9.989 323		347	
		34		36			2		
654	9.340 569		9.351 248		0.648 752	9.989 321		346	
		34		35			2		
655	9.340 603		9.351 283		0.648 717	9.989 319		345	
		33		36			1		
656	9.340 636		9.351 319		0.648 681	9.989 318		344	
		34		35			2		
657	9.340 670		9.351 354		0.648 646	9.989 316		343	
		34		36			2		
658	9.340 704		9.351 390		0.648 610	9.989 314		342	
		34		35			1		
659	9.340 738		9.351 425		0.648 575	9.989 313		341	
		33		36			2		
.660	9.340 771		9.351 461		0.648 539	9.989 311		**.340**	
		34		35			2		
661	9.340 805		9.351 496		0.648 504	9.989 309		339	
		34		35			2		
662	9.340 839		9.351 531		0.648 469	9.989 307		338	
		34		36			1		
663	9.340 873		9.351 567		0.648 433	9.989 306		337	
		33		35			2		
664	9.340 906		9.351 602		0.648 398	9.989 304		336	
		34		36			2		
665	9.340 940		9.351 638		0.648 362	9.989 302		335	
		34		35			1		
666	9.340 974		9.351 673		0.648 327	9.989 301		334	
		34		36			2		
667	9.341 008		9.351 709		0.648 291	9.989 299		333	
		33		35			2		
668	9.341 041		9.351 744		0.648 256	9.989 297		332	
		34		35			1		
669	9.341 075		9.351 779		0.648 221	9.989 296		331	
		34		36			2		
.670	9.341 109		9.351 815		0.648 185	9.989 294		**.330**	
		33		35			2		
671	9.341 142		9.351 850		0.648 150	9.989 292		329	
		34		36			2		
672	9.341 176		9.351 886		0.648 114	9.989 290		328	
		34		35			1		
673	9.341 210		9.351 921		0.648 079	9.989 289		327	
		34		36			2		
674	9.341 244		9.351 957		0.648 043	9.989 287		326	
		33		35			2		
675	9.341 277		9.351 992		0.648 008	9.989 285		325	
		34		35			1		
676	9.341 311		9.352 027		0.647 973	9.989 284		324	
		34		36			2		
677	9.341 345		9.352 063		0.647 937	9.989 282		323	
		33		35			2		
678	9.341 378		9.352 098		0.647 902	9.989 280		322	
		34		36			2		
679	9.341 412		9.352 134		0.647 866	9.989 278		321	
		34		35			1		
.680	9.341 446		9.352 169		0.647 831	9.989 277		**.320**	
		33		35			2		
681	9.341 479		9.352 204		0.647 796	9.989 275		319	
		34		36			2		
682	9.341 513		9.352 240		0.647 760	9.989 273		318	
		34		35			1		
683	9.341 547		9.352 275		0.647 725	9.989 272		317	
		33		36			2		
684	9.341 580		9.352 311		0.647 689	9.989 270		316	
		34		35			2		
685	9.341 614		9.352 346		0.647 654	9.989 268		315	
		34		35			1		
686	9.341 648		9.352 381		0.647 619	9.989 267		314	
		33		36			2		
687	9.341 681		9.352 417		0.647 583	9.989 265		313	
		34		35			2		
688	9.341 715		9.352 452		0.647 548	9.989 263		312	
		34		35			2		
689	9.341 749		9.352 487		0.647 513	9.989 261		311	
		33		36			1		
.690	9.341 782		9.352 523		0.647 477	9.989 260		**.310**	
		34		35			2		
691	9.341 816		9.352 558		0.647 442	9.989 258		309	
		34		35			2		
692	9.341 850		9.352 593		0.647 407	9.989 256		308	
		33		36			1		
693	9.341 883		9.352 629		0.647 371	9.989 255		307	
		34		35			2		
694	9.341 917		9.352 664		0.647 336	9.989 253		306	
		34		36			2		
695	9.341 951		9.352 700		0.647 300	9.989 251		305	
		33		35			2		
696	9.341 984		9.352 735		0.647 265	9.989 249		304	
		34		35			1		
697	9.342 018		9.352 770		0.647 230	9.989 248		303	
		34		36			2		
698	9.342 052		9.352 806		0.647 194	9.989 246		302	
		33		35			2		
699	9.342 085		9.352 841		0.647 159	9.989 244		301	
		34		35			1		
.700	9.342 119		9.352 876		0.647 124	9.989 243		**.300**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

77°.350 — 77°.300

12°.700 — 12°.750

12°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.342 119		9.352 876		0.647 124	9.989 243		**.300**	
		34		36			2		
701	9.342 153		9.352 912		0.647 088	9.989 241		299	
		33		35			2		
702	9.342 186		9.352 947		0.647 053	9.989 239		298	
		34		35			1		
703	9.342 220		9.352 982		0.647 018	9.989 238		297	
		33		36			2		
704	9.342 253		9.353 018		0.646 982	9.989 236		296	
		34		35			2		
705	9.342 287		9.353 053		0.646 947	9.989 234		295	
		34		35			2		
706	9.342 321		9.353 088		0.646 912	9.989 232		294	
		33		36			1		
707	9.342 354		9.353 124		0.646 876	9.989 231		293	
		34		35			2		
708	9.342 388		9.353 159		0.646 841	9.989 229		292	
		34		35			2		
709	9.342 422		9.353 194		0.646 806	9.989 227		291	
		33		36			1		
.710	9.342 455		9.353 230		0.646 770	9.989 226		**.290**	
		34		35			2		
711	9.342 489		9.353 265		0.646 735	9.989 224		289	
		33		35			2		
712	9.342 522		9.353 300		0.646 700	9.989 222		288	
		34		36			2		
713	9.342 556		9.353 336		0.646 664	9.989 220		287	
		34		35			1		
714	9.342 590		9.353 371		0.646 629	9.989 219		286	
		33		35			2		
715	9.342 623		9.353 406		0.646 594	9.989 217		285	
		34		35			2		
716	9.342 657		9.353 441		0.646 559	9.989 215		284	
		33		36			1		
717	9.342 690		9.353 477		0.646 523	9.989 214		283	
		34		35			2		
718	9.342 724		9.353 512		0.646 488	9.989 212		282	
		34		35			2		
719	9.342 758		9.353 547		0.646 453	9.989 210		281	
		33		36			2		
.720	9.342 791		9.353 583		0.646 417	9.989 208		**.280**	
		34		35			1		
721	9.342 825		9.353 618		0.646 382	9.989 207		279	
		33		35			2		
722	9.342 858		9.353 653		0.646 347	9.989 205		278	
		34		36			2		
723	9.342 892		9.353 689		0.646 311	9.989 203		277	
		33		35			1		
724	9.342 925		9.353 724		0.646 276	9.989 202		276	
		34		35			2		
725	9.342 959		9.353 759		0.646 241	9.989 200		275	
		34		35			2		
726	9.342 993		9.353 794		0.646 206	9.989 198		274	
		33		36			2		
727	9.343 026		9.353 830		0.646 170	9.989 196		273	
		34		35			1		
728	9.343 060		9.353 865		0.646 135	9.989 195		272	
		33		35			2		
729	9.343 093		9.353 900		0.646 100	9.989 193		271	
		34		35			2		
.730	9.343 127		9.353 935		0.646 065	9.989 191		**.270**	
		33		36			1		
731	9.343 160		9.353 971		0.646 029	9.989 190		269	
		34		35			2		
732	9.343 194		9.354 006		0.645 994	9.989 188		268	
		33		35			2		
733	9.343 227		9.354 041		0.645 959	9.989 186		267	
		34		35			2		
734	9.343 261		9.354 076		0.645 924	9.989 184		266	
		34		36			1		
735	9.343 295		9.354 112		0.645 888	9.989 183		265	
		33		35			2		
736	9.343 328		9.354 147		0.645 853	9.989 181		264	
		34		35			2		
737	9.343 362		9.354 182		0.645 818	9.989 179		263	
		33		35			1		
738	9.343 395		9.354 217		0.645 783	9.989 178		262	
		34		36			2		
739	9.343 429		9.354 253		0.645 747	9.989 176		261	
		33		35			2		
.740	9.343 462		9.354 288		0.645 712	9.989 174		**.260**	
		34		35			2		
741	9.343 496		9.354 323		0.645 677	9.989 172		259	
		33		35			1		
742	9.343 529		9.354 358		0.645 642	9.989 171		258	
		34		36			2		
743	9.343 563		9.354 394		0.645 606	9.989 169		257	
		33		35			2		
744	9.343 596		9.354 429		0.645 571	9.989 167		256	
		34		35			1		
745	9.343 630		9.354 464		0.645 536	9.989 166		255	
		33		35			2		
746	9.343 663		9.354 499		0.645 501	9.989 164		254	
		34		36			2		
747	9.343 697		9.354 535		0.645 465	9.989 162		253	
		33		35			2		
748	9.343 730		9.354 570		0.645 430	9.989 160		252	
		34		35			1		
749	9.343 764		9.354 605		0.645 395	9.989 159		251	
		33		35			2		
.750	9.343 797		9.354 640		0.645 360	9.989 157		**.250**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

77°.300 — 77°.250

12°.750 — 12°.800

12°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.343 797		9.354 640		0.645 360	9.989 157		.250	
		34		35			2		
751	9.343 831		9.354 675		0.645 325	9.989 155		249	
		33		36			1		
752	9.343 864		9.354 711		0.645 289	9.989 154		248	
		34		35			2		
753	9.343 898		9.354 746		0.645 254	9.989 152		247	
		33		35			2		
754	9.343 931		9.354 781		0.645 219	9.989 150		246	
		34		35			2		
755	9.343 965		9.354 816		0.645 184	9.989 148		245	
		33		35			1		
756	9.343 998		9.354 851		0.645 149	9.989 147		244	
		34		36			2		
757	9.344 032		9.354 887		0.645 113	9.989 145		243	
		33		35			2		
758	9.344 065		9.354 922		0.645 078	9.989 143		242	
		34		35			1		
759	9.344 099		9.354 957		0.645 043	9.989 142		241	
		33		35			2		
.760	9.344 132		9.354 992		0.645 008	9.989 140		.240	
		34		35			2		
761	9.344 166		9.355 027		0.644 973	9.989 138		239	
		33		36			2		
762	9.344 199		9.355 063		0.644 937	9.989 136		238	
		34		35			1		
763	9.344 233		9.355 098		0.644 902	9.989 135		237	
		33		35			2		
764	9.344 266		9.355 133		0.644 867	9.989 133		236	
		33		35			2		
765	9.344 299		9.355 168		0.644 832	9.989 131		235	
		34		35			1		
766	9.344 333		9.355 203		0.644 797	9.989 130		234	
		33		35			2		
767	9.344 366		9.355 238		0.644 762	9.989 128		233	
		34		36			2		
768	9.344 400		9.355 274		0.644 726	9.989 126		232	
		33		35			2		
769	9.344 433		9.355 309		0.644 691	9.989 124		231	
		34		35			1		
.770	9.344 467		9.355 344		0.644 656	9.989 123		.230	
		33		35			2		
771	9.344 500		9.355 379		0.644 621	9.989 121		229	
		34		35			2		
772	9.344 534		9.355 414		0.644 586	9.989 119		228	
		33		35			1		
773	9.344 567		9.355 449		0.644 551	9.989 118		227	
		33		36			2		
774	9.344 600		9.355 485		0.644 515	9.989 116		226	
		34		35			2		
775	9.344 634		9.355 520		0.644 480	9.989 114		225	
		33		35			2		
776	9.344 667		9.355 555		0.644 445	9.989 112		224	
		34		35			1		
777	9.344 701		9.355 590		0.644 410	9.989 111		223	
		33		35			2		
778	9.344 734		9.355 625		0.644 375	9.989 109		222	
		34		35			2		
779	9.344 768		9.355 660		0.644 340	9.989 107		221	
		33		35			1		
.780	9.344 801		9.355 695		0.644 305	9.989 106		.220	
		33		36			2		
781	9.344 834		9.355 731		0.644 269	9.989 104		219	
		34		35			2		
782	9.344 868		9.355 766		0.644 234	9.989 102		218	
		33		35			2		
783	9.344 901		9.355 801		0.644 199	9.989 100		217	
		34		35			1		
784	9.344 935		9.355 836		0.644 164	9.989 099		216	
		33		35			2		
785	9.344 968		9.355 871		0.644 129	9.989 097		215	
		33		35			2		
786	9.345 001		9.355 906		0.644 094	9.989 095		214	
		34		35			1		
787	9.345 035		9.355 941		0.644 059	9.989 094		213	
		33		35			2		
788	9.345 068		9.355 976		0.644 024	9.989 092		212	
		34		36			2		
789	9.345 102		9.356 012		0.643 988	9.989 090		211	
		33		35			2		
.790	9.345 135		9.356 047		0.643 953	9.989 088		.210	
		33		35			1		
791	9.345 168		9.356 082		0.643 918	9.989 087		209	
		34		35			2		
792	9.345 202		9.356 117		0.643 883	9.989 085		208	
		33		35			2		
793	9.345 235		9.356 152		0.643 848	9.989 083		207	
		34		35			2		
794	9.345 269		9.356 187		0.643 813	9.989 081		206	
		33		35			1		
795	9.345 302		9.356 222		0.643 778	9.989 080		205	
		33		35			2		
796	9.345 335		9.356 257		0.643 743	9.989 078		204	
		34		35			2		
797	9.345 369		9.356 292		0.643 708	9.989 076		203	
		33		35			1		
798	9.345 402		9.356 327		0.643 673	9.989 075		202	
		33		36			2		
799	9.345 435		9.356 363		0.643 637	9.989 073		201	
		34		35			2		
.800	9.345 469		9.356 398		0.643 602	9.989 071		.200	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

77°.250 — 77°.200

12°.800 — 12°.850

12°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.345 469		9.356 398		0.643 602	9.989 071		**.200**	
		33		35			2		
801	9.345 502		9.356 433		0.643 567	9.989 069		199	
802	9.345 536	34	9.356 468	35	0.643 532	9.989 068	1	198	
803	9.345 569	33	9.356 503	35	0.643 497	9.989 066	2	197	
		33		35			2		36
804	9.345 602		9.356 538		0.643 462	9.989 064		196	1 3.6
805	9.345 636	34	9.356 573	35	0.643 427	9.989 063	1	195	2 7.2
806	9.345 669	33	9.356 608	35	0.643 392	9.989 061	2	194	3 10.8
		33		35			2		4 14.4
807	9.345 702		9.356 643		0.643 357	9.989 059		193	5 18.0
808	9.345 736	34	9.356 678	35	0.643 322	9.989 057	2	192	6 21.6
809	9.345 769	33	9.356 713	35	0.643 287	9.989 056	1	191	7 25.2
		33		35			2		8 28.8
.810	9.345 802		9.356 748		0.643 252	9.989 054		**.190**	9 32.4
		34		35			2		
811	9.345 836		9.356 783		0.643 217	9.989 052		189	
812	9.345 869	33	9.356 819	36	0.643 181	9.989 050	2	188	
813	9.345 902	33	9.356 854	35	0.643 146	9.989 049	1	187	
		34		35			2		
814	9.345 936		9.356 889		0.643 111	9.989 047		186	
815	9.345 969	33	9.356 924	35	0.643 076	9.989 045	2	185	
816	9.346 002	33	9.356 959	35	0.643 041	9.989 044	1	184	35
		34		35			2		1 3.5
817	9.346 036		9.356 994		0.643 006	9.989 042		183	2 7.0
818	9.346 069	33	9.357 029	35	0.642 971	9.989 040	2	182	3 10.5
819	9.346 102	33	9.357 064	35	0.642 936	9.989 038	2	181	4 14.0
		34		35			1		5 17.5
.820	9.346 136		9.357 099		0.642 901	9.989 037		**.180**	6 21.0
		33		35			2		7 24.5
821	9.346 169		9.357 134		0.642 866	9.989 035		179	8 28.0
822	9.346 202	33	9.357 169	35	0.642 831	9.989 033	2	178	9 31.5
823	9.346 235	33	9.357 204	35	0.642 796	9.989 031	2	177	
		34		35			1		
824	9.346 269		9.357 239		0.642 761	9.989 030		176	
825	9.346 302	33	9.357 274	35	0.642 726	9.989 028	2	175	
826	9.346 335	33	9.357 309	35	0.642 691	9.989 026	2	174	
		34		35			1		34
827	9.346 369		9.357 344		0.642 656	9.989 025		173	1 3.4
828	9.346 402	33	9.357 379	35	0.642 621	9.989 023	2	172	2 6.8
829	9.346 435	33	9.357 414	35	0.642 586	9.989 021	2	171	3 10.2
		33		35			2		4 13.6
.830	9.346 468		9.357 449		0.642 551	9.989 019		**.170**	5 17.0
		34		35			1		6 20.4
831	9.346 502		9.357 484		0.642 516	9.989 018		169	7 23.8
832	9.346 535	33	9.357 519	35	0.642 481	9.989 016	2	168	8 27.2
833	9.346 568	33	9.357 554	35	0.642 446	9.989 014	2	167	9 30.6
		34		35			1		
834	9.346 602		9.357 589		0.642 411	9.989 013		166	
835	9.346 635	33	9.357 624	35	0.642 376	9.989 011	2	165	
836	9.346 668	33	9.357 659	35	0.642 341	9.989 009	2	164	
		33		35			2		
837	9.346 701		9.357 694		0.642 306	9.989 007		163	
838	9.346 735	34	9.357 729	35	0.642 271	9.989 006	1	162	
839	9.346 768	33	9.357 764	35	0.642 236	9.989 004	2	161	33
		33		35			2		1 3.3
.840	9.346 801		9.357 799		0.642 201	9.989 002		**.160**	2 6.6
		33		35			2		3 9.9
841	9.346 834		9.357 834		0.642 166	9.989 000		159	4 13.2
842	9.346 868	34	9.357 869	35	0.642 131	9.988 999	1	158	5 16.5
843	9.346 901	33	9.357 904	35	0.642 096	9.988 997	2	157	6 19.8
		33		35			2		7 23.1
844	9.346 934		9.357 939		0.642 061	9.988 995		156	8 26.4
845	9.346 967	33	9.357 974	35	0.642 026	9.988 994	1	155	9 29.7
846	9.347 001	34	9.358 009	35	0.641 991	9.988 992	2	154	
		33		35			2		
847	9.347 034		9.358 044		0.641 956	9.988 990		153	
848	9.347 067	33	9.358 079	35	0.641 921	9.988 988	2	152	
849	9.347 100	33	9.358 114	35	0.641 886	9.988 987	1	151	
		34		35			2		
.850	9.347 134		9.358 149		0.641 851	9.988 985		**.150**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

77°.200 — 77°.150

12°.850 — 12°.900

12°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.347 134		9.358 149		0.641 851	9.988 985		**.150**	
		33		35			2		
851	9.347 167		9.358 184		0.641 816	9.988 983		149	
852	9.347 200	33	9.358 219	35	0.641 781	9.988 981	2	148	
853	9.347 233	33	9.358 254	35	0.641 746	9.988 980	1	147	
		33		35			2		
854	9.347 266		9.358 289		0.641 711	9.988 978		146	
855	9.347 300	34	9.358 323	34	0.641 677	9.988 976	2	145	
856	9.347 333	33	9.358 358	35	0.641 642	9.988 974	2	144	
		33		35			1		
857	9.347 366		9.358 393		0.641 607	9.988 973		143	
858	9.347 399	33	9.358 428	35	0.641 572	9.988 971	2	142	
859	9.347 433	34	9.358 463	35	0.641 537	9.988 969	2	141	
		33		35			1		
.860	9.347 466		9.358 498		0.641 502	9.988 968		**.140**	
		33		35			2		
861	9.347 499		9.358 533		0.641 467	9.988 966		139	
862	9.347 532	33	9.358 568	35	0.641 432	9.988 964	2	138	
863	9.347 565	33	9.358 603	35	0.641 397	9.988 962	2	137	
		34		35			1		
864	9.347 599		9.358 638		0.641 362	9.988 961		136	
865	9.347 632	33	9.358 673	35	0.641 327	9.988 959	2	135	
866	9.347 665	33	9.358 708	35	0.641 292	9.988 957	2	134	
		33		35			2		
867	9.347 698		9.358 743		0.641 257	9.988 955		133	
868	9.347 731	33	9.358 778	35	0.641 222	9.988 954	1	132	
869	9.347 764	33	9.358 812	34	0.641 188	9.988 952	2	131	
		34		35			2		
.870	9.347 798		9.358 847		0.641 153	9.988 950		**.130**	
		33		35			1		
871	9.347 831		9.358 882		0.641 118	9.988 949		129	
872	9.347 864	33	9.358 917	35	0.641 083	9.988 947	2	128	
873	9.347 897	33	9.358 952	35	0.641 048	9.988 945	2	127	
		33		35			2		
874	9.347 930		9.358 987		0.641 013	9.988 943		126	
875	9.347 963	33	9.359 022	35	0.640 978	9.988 942	1	125	
876	9.347 997	34	9.359 057	35	0.640 943	9.988 940	2	124	
		33		35			2		
877	9.348 030		9.359 092		0.640 908	9.988 938		123	
878	9.348 063	33	9.359 127	35	0.640 873	9.988 936	2	122	
879	9.348 096	33	9.359 161	34	0.640 839	9.988 935	1	121	
		33		35			2		
.880	9.348 129		9.359 196		0.640 804	9.988 933		**.120**	
		33		35			2		
881	9.348 162		9.359 231		0.640 769	9.988 931		119	
882	9.348 196	34	9.359 266	35	0.640 734	9.988 929	2	118	
883	9.348 229	33	9.359 301	35	0.640 699	9.988 928	1	117	
		33		35			2		
884	9.348 262		9.359 336		0.640 664	9.988 926		116	
885	9.348 295	33	9.359 371	35	0.640 629	9.988 924	2	115	
886	9.348 328	33	9.359 406	35	0.640 594	9.988 923	1	114	
		33		34			2		
887	9.348 361		9.359 440		0.640 560	9.988 921		113	
888	9.348 394	33	9.359 475	35	0.640 525	9.988 919	2	112	
889	9.348 427	33	9.359 510	35	0.640 490	9.988 917	2	111	
		34		35			1		
.890	9.348 461		9.359 545		0.640 455	9.988 916		**.110**	
		33		35			2		
891	9.348 494		9.359 580		0.640 420	9.988 914		109	
892	9.348 527	33	9.359 615	35	0.640 385	9.988 912	2	108	
893	9.348 560	33	9.359 650	35	0.640 350	9.988 910	2	107	
		33		34			1		
894	9.348 593		9.359 684		0.640 316	9.988 909		106	
895	9.348 626	33	9.359 719	35	0.640 281	9.988 907	2	105	
896	9.348 659	33	9.359 754	35	0.640 246	9.988 905	2	104	
		33		35			2		
897	9.348 692		9.359 789		0.640 211	9.988 903		103	
898	9.348 725	33	9.359 824	35	0.640 176	9.988 902	1	102	
899	9.348 759	34	9.359 859	35	0.640 141	9.988 900	2	101	
		33		34			2		
.900	9.348 792		9.359 893		0.640 107	9.988 898		**.100**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

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1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

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1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

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1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

77°.150 — 77°.100

12°.900 — 12°.950

12°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.348 792		9.359 893		0.640 107	9.988 898		.100	
		33		35			2		
901	9.348 825		9.359 928		0.640 072	9.988 896		099	
902	9.348 858	33	9.359 963	35	0.640 037	9.988 895	1	098	
903	9.348 891	33	9.359 998	35	0.640 002	9.988 893	2	097	
		33		35			2		
904	9.348 924		9.360 033		0.639 967	9.988 891		096	
905	9.348 957	33	9.360 068	35	0.639 932	9.988 890	1	095	
906	9.348 990	33	9.360 102	34	0.639 898	9.988 888	2	094	
		33		35			2		
907	9.349 023		9.360 137		0.639 863	9.988 886		093	
908	9.349 056	33	9.360 172	35	0.639 828	9.988 884	2	092	
909	9.349 089	33	9.360 207	35	0.639 793	9.988 883	1	091	
		34		35			2		
.910	9.349 123		9.360 242		0.639 758	9.988 881		.090	
		33		34			2		
911	9.349 156		9.360 276		0.639 724	9.988 879		089	
912	9.349 189	33	9.360 311	35	0.639 689	9.988 877	2	088	
913	9.349 222	33	9.360 346	35	0.639 654	9.988 876	1	087	
		33		35			2		
914	9.349 255		9.360 381		0.639 619	9.988 874		086	
915	9.349 288	33	9.360 416	35	0.639 584	9.988 872	2	085	
916	9.349 321	33	9.360 450	34	0.639 550	9.988 870	2	084	
		33		35			1		
917	9.349 354		9.360 485		0.639 515	9.988 869		083	
918	9.349 387	33	9.360 520	35	0.639 480	9.988 867	2	082	
919	9.349 420	33	9.360 555	35	0.639 445	9.988 865	2	081	
		33		35			2		
.920	9.349 453		9.360 590		0.639 410	9.988 863		.080	
		33		34			1		
921	9.349 486		9.360 624		0.639 376	9.988 862		079	
922	9.349 519	33	9.360 659	35	0.639 341	9.988 860	2	078	
923	9.349 552	33	9.360 694	35	0.639 306	9.988 858	2	077	
		33		35			1		
924	9.349 585		9.360 729		0.639 271	9.988 857		076	
925	9.349 618	33	9.360 763	34	0.639 237	9.988 855	2	075	
926	9.349 651	33	9.360 798	35	0.639 202	9.988 853	2	074	
		33		35			2		
927	9.349 684		9.360 833		0.639 167	9.988 851		073	
928	9.349 717	33	9.360 868	35	0.639 132	9.988 850	1	072	
929	9.349 750	33	9.360 903	35	0.639 097	9.988 848	2	071	
		33		34			2		
.930	9.349 783		9.360 937		0.639 063	9.988 846		.070	
		33		35			2		
931	9.349 816		9.360 972		0.639 028	9.988 844		069	
932	9.349 849	33	9.361 007	35	0.638 993	9.988 843	1	068	
933	9.349 882	33	9.361 042	35	0.638 958	9.988 841	2	067	
		33		34			2		
934	9.349 915		9.361 076		0.638 924	9.988 839		066	
935	9.349 948	33	9.361 111	35	0.638 889	9.988 837	2	065	
936	9.349 981	33	9.361 146	35	0.638 854	9.988 836	1	064	
		33		35			2		
937	9.350 014		9.361 181		0.638 819	9.988 834		063	
938	9.350 047	33	9.361 215	34	0.638 785	9.988 832	2	062	
939	9.350 080	33	9.361 250	35	0.638 750	9.988 830	2	061	
		33		35			1		
.940	9.350 113		9.361 285		0.638 715	9.988 829		.060	
		33		34			2		
941	9.350 146		9.361 319		0.638 681	9.988 827		059	
942	9.350 179	33	9.361 354	35	0.638 646	9.988 825	2	058	
943	9.350 212	33	9.361 389	35	0.638 611	9.988 823	2	057	
		33		35			1		
944	9.350 245		9.361 424		0.638 576	9.988 822		056	
945	9.350 278	33	9.361 458	34	0.638 542	9.988 820	2	055	
946	9.350 311	33	9.361 493	35	0.638 507	9.988 818	2	054	
		33		35			2		
947	9.350 344		9.361 528		0.638 472	9.988 816		053	
948	9.350 377	33	9.361 562	34	0.638 438	9.988 815	1	052	
949	9.350 410	33	9.361 597	35	0.638 403	9.988 813	2	051	
		33		35			2		
.950	9.350 443		9.361 632		0.638 368	9.988 811		.050	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

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5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

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1	3.3
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3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

77°.100 — 77°.050

12°.950 — 13°.000

12°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.350 443		9.361 632		0.638 368	9.988 811		**.050**	
		33		35			1		
951	9.350 476		9.361 667		0.638 333	9.988 810		049	
		33		34			2		
952	9.350 509		9.361 701		0.638 299	9.988 808		048	
		33		35			2		
953	9.350 542		9.361 736		0.638 264	9.988 806		047	
		33		35			2		
954	9.350 575		9.361 771		0.638 229	9.988 804		046	
		33		34			1		
955	9.350 608		9.361 805		0.638 195	9.988 803		045	
		33		35			2		
956	9.350 641		9.361 840		0.638 160	9.988 801		044	
		33		35			2		
957	9.350 674		9.361 875		0.638 125	9.988 799		043	
		33		34			2		
958	9.350 707		9.361 909		0.638 091	9.988 797		042	
		33		35			1		
959	9.350 740		9.361 944		0.638 056	9.988 796		041	
		33		35			2		
.960	9.350 773		9.361 979		0.638 021	9.988 794		**.040**	
		33		35			2		
961	9.350 806		9.362 014		0.637 986	9.988 792		039	
		33		34			2		
962	9.350 839		9.362 048		0.637 952	9.988 790		038	
		32		35			1		
963	9.350 871		9.362 083		0.637 917	9.988 789		037	
		33		35			2		
964	9.350 904		9.362 118		0.637 882	9.988 787		036	
		33		34			2		
965	9.350 937		9.362 152		0.637 848	9.988 785		035	
		33		35			2		
966	9.350 970		9.362 187		0.637 813	9.988 783		034	
		33		35			1		
967	9.351 003		9.362 222		0.637 778	9.988 782		033	
		33		34			2		
968	9.351 036		9.362 256		0.637 744	9.988 780		032	
		33		35			2		
969	9.351 069		9.362 291		0.637 709	9.988 778		031	
		33		35			2		
.970	9.351 102		9.362 326		0.637 674	9.988 776		**.030**	
		33		34			1		
971	9.351 135		9.362 360		0.637 640	9.988 775		029	
		33		35			2		
972	9.351 168		9.362 395		0.637 605	9.988 773		028	
		33		34			2		
973	9.351 201		9.362 429		0.637 571	9.988 771		027	
		33		35			2		
974	9.351 234		9.362 464		0.637 536	9.988 769		026	
		32		35			1		
975	9.351 266		9.362 499		0.637 501	9.988 768		025	
		33		34			2		
976	9.351 299		9.362 533		0.637 467	9.988 766		024	
		33		35			2		
977	9.351 332		9.362 568		0.637 432	9.988 764		023	
		33		35			2		
978	9.351 365		9.362 603		0.637 397	9.988 762		022	
		33		34			1		
979	9.351 398		9.362 637		0.637 363	9.988 761		021	
		33		35			2		
.980	9.351 431		9.362 672		0.637 328	9.988 759		**.020**	
		33		35			2		
981	9.351 464		9.362 707		0.637 293	9.988 757		019	
		33		34			2		
982	9.351 497		9.362 741		0.637 259	9.988 755		018	
		33		35			1		
983	9.351 530		9.362 776		0.637 224	9.988 754		017	
		32		34			2		
984	9.351 562		9.362 810		0.637 190	9.988 752		016	
		33		35			2		
985	9.351 595		9.362 845		0.637 155	9.988 750		015	
		33		35			2		
986	9.351 628		9.362 880		0.637 120	9.988 748		014	
		33		34			1		
987	9.351 661		9.362 914		0.637 086	9.988 747		013	
		33		35			2		
988	9.351 694		9.362 949		0.637 051	9.988 745		012	
		33		35			2		
989	9.351 727		9.362 984		0.637 016	9.988 743		011	
		33		34			2		
.990	9.351 760		9.363 018		0.636 982	9.988 741		**.010**	
		32		35			1		
991	9.351 792		9.363 053		0.636 947	9.988 740		009	
		33		34			2		
992	9.351 825		9.363 087		0.636 913	9.988 738		008	
		33		35			2		
993	9.351 858		9.363 122		0.636 878	9.988 736		007	
		33		35			2		
994	9.351 891		9.363 157		0.636 843	9.988 734		006	
		33		34			1		
995	9.351 924		9.363 191		0.636 809	9.988 733		005	
		33		35			2		
996	9.351 957		9.363 226		0.636 774	9.988 731		004	
		33		34			2		
997	9.351 990		9.363 260		0.636 740	9.988 729		003	
		32		35			2		
998	9.352 022		9.363 295		0.636 705	9.988 727		002	
		33		35			1		
999	9.352 055		9.363 330		0.636 670	9.988 726		001	
		33		34			2		
***000**	9.352 088		9.363 364		0.636 636	9.988 724		**.000**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

77°.050 — 77°.000

13°.000 — 13°.050

13°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.352 088		9.363 364		0.636 636	9.988 724		*000	
		33		35			2		
001	9.352 121		9.363 399		0.636 601	9.988 722		999	
002	9.352 154	33	9.363 433	34	0.636 567	9.988 720	2	998	
003	9.352 187	33	9.363 468	35	0.636 532	9.988 719	1	997	
		32		34			2		35
004	9.352 219		9.363 502		0.636 498	9.988 717		996	1 3.5
005	9.352 252	33	9.363 537	35	0.636 463	9.988 715	2	995	2 7.0
006	9.352 285	33	9.363 572	35	0.636 428	9.988 713	2	994	3 10.5
		33		34			1		4 14.0
007	9.352 318		9.363 606		0.636 394	9.988 712		993	5 17.5
008	9.352 351	33	9.363 641	35	0.636 359	9.988 710	2	992	6 21.0
009	9.352 383	32	9.363 675	34	0.636 325	9.988 708	2	991	7 24.5
		33		35			2		8 28.0
.010	9.352 416		9.363 710		0.636 290	9.988 706		.990	9 31.5
		33		34			1		
011	9.352 449		9.363 744		0.636 256	9.988 705		989	
012	9.352 482	33	9.363 779	35	0.636 221	9.988 703	2	988	
013	9.352 515	33	9.363 813	34	0.636 187	9.988 701	2	987	
		32		35			2		
014	9.352 547		9.363 848		0.636 152	9.988 699		986	
015	9.352 580	33	9.363 883	35	0.636 117	9.988 698	1	985	
016	9.352 613	33	9.363 917	34	0.636 083	9.988 696	2	984	34
		33		35			2		1 3.4
017	9.352 646		9.363 952		0.636 048	9.988 694		983	2 6.8
018	9.352 679	33	9.363 986	34	0.636 014	9.988 692	2	982	3 10.2
019	9.352 711	32	9.364 021	35	0.635 979	9.988 691	1	981	4 13.6
		33		34			2		5 17.0
.020	9.352 744		9.364 055		0.635 945	9.988 689		.980	6 20.4
		33		35			2		7 23.8
021	9.352 777		9.364 090		0.635 910	9.988 687		979	8 27.2
022	9.352 810	33	9.364 124	34	0.635 876	9.988 685	2	978	9 30.6
023	9.352 842	32	9.364 159	35	0.635 841	9.988 684	1	977	
		33		34			2		
024	9.352 875		9.364 193		0.635 807	9.988 682		976	
025	9.352 908	33	9.364 228	35	0.635 772	9.988 680	2	975	
026	9.352 941	33	9.364 262	34	0.635 738	9.988 678	2	974	
		33		35			1		
027	9.352 974		9.364 297		0.635 703	9.988 677		973	33
028	9.353 006	32	9.364 331	34	0.635 669	9.988 675	2	972	1 3.3
029	9.353 039	33	9.364 366	35	0.635 634	9.988 673	2	971	2 6.6
		33		34			2		3 9.9
.030	9.353 072		9.364 400		0.635 600	9.988 671		.970	4 13.2
		33		35			1		5 16.5
031	9.353 105		9.364 435		0.635 565	9.988 670		969	6 19.8
032	9.353 137	32	9.364 469	34	0.635 531	9.988 668	2	968	7 23.1
033	9.353 170	33	9.364 504	35	0.635 496	9.988 666	2	967	8 26.4
		33		34			2		9 29.7
034	9.353 203		9.364 538		0.635 462	9.988 664		966	
035	9.353 236	33	9.364 573	35	0.635 427	9.988 663	1	965	
036	9.353 268	32	9.364 607	34	0.635 393	9.988 661	2	964	
		33		35			2		
037	9.353 301		9.364 642		0.635 358	9.988 659		963	32
038	9.353 334	33	9.364 676	34	0.635 324	9.988 657	2	962	1 3.2
039	9.353 366	32	9.364 711	35	0.635 289	9.988 656	1	961	2 6.4
		33		34			2		3 9.6
.040	9.353 399		9.364 745		0.635 255	9.988 654		.960	4 12.8
		33		35			2		5 16.0
041	9.353 432		9.364 780		0.635 220	9.988 652		959	6 19.2
042	9.353 465	33	9.364 814	34	0.635 186	9.988 650	2	958	7 22.4
043	9.353 497	32	9.364 849	35	0.635 151	9.988 649	1	957	8 25.6
		33		34			2		9 28.8
044	9.353 530		9.364 883		0.635 117	9.988 647		956	
045	9.353 563	33	9.364 918	35	0.635 082	9.988 645	2	955	
046	9.353 596	33	9.364 952	34	0.635 048	9.988 643	2	954	
		32		35			1		
047	9.353 628		9.364 987		0.635 013	9.988 642		953	
048	9.353 661	33	9.365 021	34	0.634 979	9.988 640	2	952	
049	9.353 694	33	9.365 056	35	0.634 944	9.988 638	2	951	
		32		34			2		
.050	9.353 726		9.365 090		0.634 910	9.988 636		.950	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

77°.000 — 76°.950

13°.050 — 13°.100

13°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.353 726		9.365 090		0.634 910	9.988 636		**.950**	
		33		35			1		
051	9.353 759		9.365 125		0.634 875	9.988 635		949	
052	9.353 792	33	9.365 159	34	0.634 841	9.988 633	2	948	
053	9.353 824	32	9.365 193	34	0.634 807	9.988 631	2	947	
		33		35			2		
054	9.353 857		9.365 228		0.634 772	9.988 629		946	
055	9.353 890	33	9.365 262	34	0.634 738	9.988 627	2	945	
056	9.353 923	33	9.365 297	35	0.634 703	9.988 626	1	944	
		32		34			2		
057	9.353 955		9.365 331		0.634 669	9.988 624		943	
058	9.353 988	33	9.365 366	35	0.634 634	9.988 622	2	942	
059	9.354 021	33	9.365 400	34	0.634 600	9.988 620	2	941	
		32		35			1		
.060	9.354 053		9.365 435		0.634 565	9.988 619		**.940**	
		33		34			2		
061	9.354 086		9.365 469		0.634 531	9.988 617		939	
062	9.354 119	33	9.365 503	34	0.634 497	9.988 615	2	938	
063	9.354 151	32	9.365 538	35	0.634 462	9.988 613	2	937	
		33		34			1		
064	9.354 184		9.365 572		0.634 428	9.988 612		936	
065	9.354 217	33	9.365 607	35	0.634 393	9.988 610	2	935	
066	9.354 249	32	9.365 641	34	0.634 359	9.988 608	2	934	
		33		35			2		
067	9.354 282		9.365 676		0.634 324	9.988 606		933	
068	9.354 315	33	9.365 710	34	0.634 290	9.988 605	1	932	
069	9.354 347	32	9.365 744	34	0.634 256	9.988 603	2	931	
		33		35			2		
.070	9.354 380		9.365 779		0.634 221	9.988 601		**.930**	
		33		34			2		
071	9.354 413		9.365 813		0.634 187	9.988 599		929	
072	9.354 445	32	9.365 848	35	0.634 152	9.988 598	1	928	
073	9.354 478	33	9.365 882	34	0.634 118	9.988 596	2	927	
		32		34			2		
074	9.354 510		9.365 916		0.634 084	9.988 594		926	
075	9.354 543	33	9.365 951	35	0.634 049	9.988 592	2	925	
076	9.354 576	33	9.365 985	34	0.634 015	9.988 591	1	924	
		32		35			2		
077	9.354 608		9.366 020		0.633 980	9.988 589		923	
078	9.354 641	33	9.366 054	34	0.633 946	9.988 587	2	922	
079	9.354 674	33	9.366 088	34	0.633 912	9.988 585	2	921	
		32		35			2		
.080	9.354 706		9.366 123		0.633 877	9.988 583		**.920**	
		33		34			1		
081	9.354 739		9.366 157		0.633 843	9.988 582		919	
082	9.354 772	33	9.366 192	35	0.633 808	9.988 580	2	918	
083	9.354 804	32	9.366 226	34	0.633 774	9.988 578	2	917	
		33		34			2		
084	9.354 837		9.366 260		0.633 740	9.988 576		916	
085	9.354 869	32	9.366 295	35	0.633 705	9.988 575	1	915	
086	9.354 902	33	9.366 329	34	0.633 671	9.988 573	2	914	
		33		34			2		
087	9.354 935		9.366 363		0.633 637	9.988 571		913	
088	9.354 967	32	9.366 398	35	0.633 602	9.988 569	2	912	
089	9.355 000	33	9.366 432	34	0.633 568	9.988 568	1	911	
		32		35			2		
.090	9.355 032		9.366 467		0.633 533	9.988 566		**.910**	
		33		34			2		
091	9.355 065		9.366 501		0.633 499	9.988 564		909	
092	9.355 098	33	9.366 535	34	0.633 465	9.988 562	2	908	
093	9.355 130	32	9.366 570	35	0.633 430	9.988 561	1	907	
		33		34			2		
094	9.355 163		9.366 604		0.633 396	9.988 559		906	
095	9.355 195	32	9.366 638	34	0.633 362	9.988 557	2	905	
096	9.355 228	33	9.366 673	35	0.633 327	9.988 555	2	904	
		32		34			1		
097	9.355 260		9.366 707		0.633 293	9.988 554		903	
098	9.355 293	33	9.366 741	34	0.633 259	9.988 552	2	902	
099	9.355 326	33	9.366 776	35	0.633 224	9.988 550	2	901	
		32		34			2		
.100	9.355 358		9.366 810		0.633 190	9.988 548		**.900**	
	cos	d	cotg	d	tang	sin	d	**76°**	P.P.

	35
1	3.5
2	7.0
3	10.5
4	14.0
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7	24.5
8	28.0
9	31.5

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1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

76°.950 — 76°.900

13°.100 — 13°.150

13°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.355 358		9.366 810		0.633 190	9.988 548		.900	
		33		34			2		
101	9.355 391		9.366 844		0.633 156	9.988 546		899	
102	9.355 423	32	9.366 879	35	0.633 121	9.988 545	1	898	
103	9.355 456	33	9.366 913	34	0.633 087	9.988 543	2	897	
		32		34			2		
104	9.355 488		9.366 947		0.633 053	9.988 541		896	
105	9.355 521	33	9.366 982	35	0.633 018	9.988 539	2	895	
106	9.355 554	33	9.367 016	34	0.632 984	9.988 538	1	894	
		32		34			2		
107	9.355 586		9.367 050		0.632 950	9.988 536		893	
108	9.355 619	33	9.367 085	35	0.632 915	9.988 534	2	892	
109	9.355 651	32	9.367 119	34	0.632 881	9.988 532	2	891	
		33		34			1		
.110	9.355 684		9.367 153		0.632 847	9.988 531		.890	
		32		35			2		
111	9.355 716		9.367 188		0.632 812	9.988 529		889	
112	9.355 749	33	9.367 222	34	0.632 778	9.988 527	2	888	
113	9.355 781	32	9.367 256	34	0.632 744	9.988 525	2	887	
		33		34			1		
114	9.355 814		9.367 290		0.632 710	9.988 524		886	
115	9.355 847	33	9.367 325	35	0.632 675	9.988 522	2	885	
116	9.355 879	32	9.367 359	34	0.632 641	9.988 520	2	884	
		33		34			2		
117	9.355 912		9.367 393		0.632 607	9.988 518		883	
118	9.355 944	32	9.367 428	35	0.632 572	9.988 516	2	882	
119	9.355 977	33	9.367 462	34	0.632 538	9.988 515	1	881	
		32		34			2		
.120	9.356 009		9.367 496		0.632 504	9.988 513		.880	
		33		35			2		
121	9.356 042		9.367 531		0.632 469	9.988 511		879	
122	9.356 074	32	9.367 565	34	0.632 435	9.988 509	2	878	
123	9.356 107	33	9.367 599	34	0.632 401	9.988 508	1	877	
		32		34			2		
124	9.356 139		9.367 633		0.632 367	9.988 506		876	
125	9.356 172	33	9.367 668	35	0.632 332	9.988 504	2	875	
126	9.356 204	32	9.367 702	34	0.632 298	9.988 502	2	874	
		33		34			1		
127	9.356 237		9.367 736		0.632 264	9.988 501		873	
128	9.356 269	32	9.367 770	34	0.632 230	9.988 499	2	872	
129	9.356 302	33	9.367 805	35	0.632 195	9.988 497	2	871	
		32		34			2		
.130	9.356 334		9.367 839		0.632 161	9.988 495		.870	
		33		34			2		
131	9.356 367		9.367 873		0.632 127	9.988 493		869	
132	9.356 399	32	9.367 908	35	0.632 092	9.988 492	1	868	
133	9.356 432	33	9.367 942	34	0.632 058	9.988 490	2	867	
		32		34			2		
134	9.356 464		9.367 976		0.632 024	9.988 488		866	
135	9.356 497	33	9.368 010	34	0.631 990	9.988 486	2	865	
136	9.356 529	32	9.368 045	35	0.631 955	9.988 485	1	864	
		33		34			2		
137	9.356 562		9.368 079		0.631 921	9.988 483		863	
138	9.356 594	32	9.368 113	34	0.631 887	9.988 481	2	862	
139	9.356 627	33	9.368 147	34	0.631 853	9.988 479	2	861	
		32		35			1		
.140	9.356 659		9.368 182		0.631 818	9.988 478		.860	
		33		34			2		
141	9.356 692		9.368 216		0.631 784	9.988 476		859	
142	9.356 724	32	9.368 250	34	0.631 750	9.988 474	2	858	
143	9.356 756	32	9.368 284	34	0.631 716	9.988 472	2	857	
		33		34			2		
144	9.356 789		9.368 318		0.631 682	9.988 470		856	
145	9.356 821	32	9.368 353	35	0.631 647	9.988 469	1	855	
146	9.356 854	33	9.368 387	34	0.631 613	9.988 467	2	854	
		32		34			2		
147	9.356 886		9.368 421		0.631 579	9.988 465		853	
148	9.356 919	33	9.368 455	34	0.631 545	9.988 463	2	852	
149	9.356 951	32	9.368 490	35	0.631 510	9.988 462	1	851	
		33		34			2		
.150	9.356 984		9.368 524		0.631 476	9.988 460		.850	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

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1	3.5
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3	10.5
4	14.0
5	17.5
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7	24.5
8	28.0
9	31.5

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6	20.4
7	23.8
8	27.2
9	30.6

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5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

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1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

76°.900 — 76°.850

13°.150 — 13°.200

13°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.356 984		9.368 524		0.631 476	9.988 460		.850	
		32		34			2		
151	9.357 016		9.368 558		0.631 442	9.988 458		849	
		33		34			2		
152	9.357 049		9.368 592		0.631 408	9.988 456		848	
		32		34			1		
153	9.357 081		9.368 626		0.631 374	9.988 455		847	
		32		35			2		
154	9.357 113		9.368 661		0.631 339	9.988 453		846	
		33		34			2		
155	9.357 146		9.368 695		0.631 305	9.988 451		845	
		32		34			2		
156	9.357 178		9.368 729		0.631 271	9.988 449		844	
		33		34			2		
157	9.357 211		9.368 763		0.631 237	9.988 447		843	
		32		34			1		
158	9.357 243		9.368 797		0.631 203	9.988 446		842	
		33		35			2		
159	9.357 276		9.368 832		0.631 168	9.988 444		841	
		32		34			2		
.160	9.357 308		9.368 866		0.631 134	9.988 442		.840	
		32		34			2		
161	9.357 340		9.368 900		0.631 100	9.988 440		839	
		33		34			1		
162	9.357 373		9.368 934		0.631 066	9.988 439		838	
		32		34			2		
163	9.357 405		9.368 968		0.631 032	9.988 437		837	
		33		35			2		
164	9.357 438		9.369 003		0.630 997	9.988 435		836	
		32		34			2		
165	9.357 470		9.369 037		0.630 963	9.988 433		835	
		32		34			1		
166	9.357 502		9.369 071		0.630 929	9.988 432		834	
		33		34			2		
167	9.357 535		9.369 105		0.630 895	9.988 430		833	
		32		34			2		
168	9.357 567		9.369 139		0.630 861	9.988 428		832	
		33		34			2		
169	9.357 600		9.369 173		0.630 827	9.988 426		831	
		32		35			2		
.170	9.357 632		9.369 208		0.630 792	9.988 424		.830	
		32		34			1		
171	9.357 664		9.369 242		0.630 758	9.988 423		829	
		33		34			2		
172	9.357 697		9.369 276		0.630 724	9.988 421		828	
		32		34			2		
173	9.357 729		9.369 310		0.630 690	9.988 419		827	
		33		34			2		
174	9.357 762		9.369 344		0.630 656	9.988 417		826	
		32		34			1		
175	9.357 794		9.369 378		0.630 622	9.988 416		825	
		32		35			2		
176	9.357 826		9.369 413		0.630 587	9.988 414		824	
		33		34			2		
177	9.357 859		9.369 447		0.630 553	9.988 412		823	
		32		34			2		
178	9.357 891		9.369 481		0.630 519	9.988 410		822	
		32		34			2		
179	9.357 923		9.369 515		0.630 485	9.988 408		821	
		33		34			1		
.180	9.357 956		9.369 549		0.630 451	9.988 407		.820	
		32		34			2		
181	9.357 988		9.369 583		0.630 417	9.988 405		819	
		33		34			2		
182	9.358 021		9.369 617		0.630 383	9.988 403		818	
		32		35			2		
183	9.358 053		9.369 652		0.630 348	9.988 401		817	
		32		34			1		
184	9.358 085		9.369 686		0.630 314	9.988 400		816	
		33		34			2		
185	9.358 118		9.369 720		0.630 280	9.988 398		815	
		32		34			2		
186	9.358 150		9.369 754		0.630 246	9.988 396		814	
		32		34			2		
187	9.358 182		9.369 788		0.630 212	9.988 394		813	
		33		34			2		
188	9.358 215		9.369 822		0.630 178	9.988 392		812	
		32		34			1		
189	9.358 247		9.369 856		0.630 144	9.988 391		811	
		32		34			2		
.190	9.358 279		9.369 890		0.630 110	9.988 389		.810	
		33		35			2		
191	9.358 312		9.369 925		0.630 075	9.988 387		809	
		32		34			2		
192	9.358 344		9.369 959		0.630 041	9.988 385		808	
		32		34			1		
193	9.358 376		9.369 993		0.630 007	9.988 384		807	
		33		34			2		
194	9.358 409		9.370 027		0.629 973	9.988 382		806	
		32		34			2		
195	9.358 441		9.370 061		0.629 939	9.988 380		805	
		32		34			2		
196	9.358 473		9.370 095		0.629 905	9.988 378		804	
		33		34			2		
197	9.358 506		9.370 129		0.629 871	9.988 376		803	
		32		34			1		
198	9.358 538		9.370 163		0.629 837	9.988 375		802	
		32		34			2		
199	9.358 570		9.370 197		0.629 803	9.988 373		801	
		33		35			2		
.200	9.358 603		9.370 232		0.629 768	9.988 371		.800	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

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7	22.4
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9	28.8

76°.850 — 76°.800

13°.200 — 13°.250

13°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.358 603		9.370 232		0.629 768	9.988 371		**.800**	
		32		34			2		
201	9.358 635		9.370 266		0.629 734	9.988 369		799	
202	9.358 667	32	9.370 300	34	0.629 700	9.988 368	1	798	
203	9.358 700	33	9.370 334	34	0.629 666	9.988 366	2	797	
		32		34			2		
204	9.358 732		9.370 368		0.629 632	9.988 364		796	
205	9.358 764	32	9.370 402	34	0.629 598	9.988 362	2	795	
206	9.358 797	33	9.370 436	34	0.629 564	9.988 360	2	794	
		32		34			1		
207	9.358 829		9.370 470		0.629 530	9.988 359		793	
208	9.358 861	32	9.370 504	34	0.629 496	9.988 357	2	792	
209	9.358 893	32	9.370 538	34	0.629 462	9.988 355	2	791	
		33		34			2		
.210	9.358 926		9.370 572		0.629 428	9.988 353		**.790**	
		32		34			1		
211	9.358 958		9.370 606		0.629 394	9.988 352		789	
212	9.358 990	32	9.370 640	34	0.629 360	9.988 350	2	788	
213	9.359 023	33	9.370 675	35	0.629 325	9.988 348	2	787	
		32		34			2		
214	9.359 055		9.370 709		0.629 291	9.988 346		786	
215	9.359 087	32	9.370 743	34	0.629 257	9.988 344	2	785	
216	9.359 119	32	9.370 777	34	0.629 223	9.988 343	1	784	
		33		34			2		
217	9.359 152		9.370 811		0.629 189	9.988 341		783	
218	9.359 184	32	9.370 845	34	0.629 155	9.988 339	2	782	
219	9.359 216	32	9.370 879	34	0.629 121	9.988 337	2	781	
		33		34			1		
.220	9.359 249		9.370 913		0.629 087	9.988 336		**.780**	
		32		34			2		
221	9.359 281		9.370 947		0.629 053	9.988 334		779	
222	9.359 313	32	9.370 981	34	0.629 019	9.988 332	2	778	
223	9.359 345	32	9.371 015	34	0.628 985	9.988 330	2	777	
		33		34			2		
224	9.359 378		9.371 049		0.628 951	9.988 328		776	
225	9.359 410	32	9.371 083	34	0.628 917	9.988 327	1	775	
226	9.359 442	32	9.371 117	34	0.628 883	9.988 325	2	774	
		32		34			2		
227	9.359 474		9.371 151		0.628 849	9.988 323		773	
228	9.359 507	33	9.371 185	34	0.628 815	9.988 321	2	772	
229	9.359 539	32	9.371 219	34	0.628 781	9.988 320	1	771	
		32		34			2		
.230	9.359 571		9.371 253		0.628 747	9.988 318		**.770**	
		32		34			2		
231	9.359 603		9.371 287		0.628 713	9.988 316		769	
232	9.359 636	33	9.371 321	34	0.628 679	9.988 314	2	768	
233	9.359 668	32	9.371 355	34	0.628 645	9.988 312	2	767	
		32		34			1		
234	9.359 700		9.371 389		0.628 611	9.988 311		766	
235	9.359 732	32	9.371 423	34	0.628 577	9.988 309	2	765	
236	9.359 764	32	9.371 457	34	0.628 543	9.988 307	2	764	
		33		34			2		
237	9.359 797		9.371 491		0.628 509	9.988 305		763	
238	9.359 829	32	9.371 525	34	0.628 475	9.988 303	2	762	
239	9.359 861	32	9.371 559	34	0.628 441	9.988 302	1	761	
		32		34			2		
.240	9.359 893		9.371 593		0.628 407	9.988 300		**.760**	
		33		34			2		
241	9.359 926		9.371 627		0.628 373	9.988 298		759	
242	9.359 958	32	9.371 661	34	0.628 339	9.988 296	2	758	
243	9.359 990	32	9.371 695	34	0.628 305	9.988 295	1	757	
		32		34			2		
244	9.360 022		9.371 729		0.628 271	9.988 293		756	
245	9.360 054	32	9.371 763	34	0.628 237	9.988 291	2	755	
246	9.360 087	33	9.371 797	34	0.628 203	9.988 289	2	754	
		32		34			2		
247	9.360 119		9.371 831		0.628 169	9.988 287		753	
248	9.360 151	32	9.371 865	34	0.628 135	9.988 286	1	752	
249	9.360 183	32	9.371 899	34	0.628 101	9.988 284	2	751	
		32		34			2		
.250	9.360 215		9.371 933		0.628 067	9.988 282		**.750**	
	cos	d	cotg	d	tang	sin	d	**76°**	P.P.

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1	3.5
2	7.0
3	10.5
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6	19.8
7	23.1
8	26.4
9	29.7

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1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

76°.800 — 76°.750

13°.250 — 13°.300

13°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.360 215		9.371 933		0.628 067	9.988 282		**.750**	
		33		34			2		
251	9.360 248		9.371 967		0.628 033	9.988 280		749	
252	9.360 280	32	9.372 001	34	0.627 999	9.988 279	1	748	
253	9.360 312	32	9.372 035	34	0.627 965	9.988 277	2	747	
		32		34			2		
254	9.360 344		9.372 069		0.627 931	9.988 275		746	
255	9.360 376	32	9.372 103	34	0.627 897	9.988 273	2	745	
256	9.360 408	32	9.372 137	34	0.627 863	9.988 271	2	744	
		33		34			1		
257	9.360 441		9.372 171		0.627 829	9.988 270		743	
258	9.360 473	32	9.372 205	34	0.627 795	9.988 268	2	742	
259	9.360 505	32	9.372 239	34	0.627 761	9.988 266	2	741	
		32		34			2		
.260	9.360 537		9.372 273		0.627 727	9.988 264		**.740**	
		32		34			2		
261	9.360 569		9.372 307		0.627 693	9.988 262		739	
262	9.360 601	32	9.372 341	34	0.627 659	9.988 261	1	738	
263	9.360 634	33	9.372 375	34	0.627 625	9.988 259	2	737	
		32		34			2		
264	9.360 666		9.372 409		0.627 591	9.988 257		736	
265	9.360 698	32	9.372 443	34	0.627 557	9.988 255	2	735	
266	9.360 730	32	9.372 477	34	0.627 523	9.988 254	1	734	
		32		34			2		
267	9.360 762		9.372 511		0.627 489	9.988 252		733	
268	9.360 794	32	9.372 544	33	0.627 456	9.988 250	2	732	
269	9.360 827	33	9.372 578	34	0.627 422	9.988 248	2	731	
		32		34			2		
.270	9.360 859		9.372 612		0.627 388	9.988 246		**.730**	
		32		34			1		
271	9.360 891		9.372 646		0.627 354	9.988 245		729	
272	9.360 923	32	9.372 680	34	0.627 320	9.988 243	2	728	
273	9.360 955	32	9.372 714	34	0.627 286	9.988 241	2	727	
		32		34			2		
274	9.360 987		9.372 748		0.627 252	9.988 239		726	
275	9.361 019	32	9.372 782	34	0.627 218	9.988 237	2	725	
276	9.361 051	32	9.372 816	34	0.627 184	9.988 236	1	724	
		33		34			2		
277	9.361 084		9.372 850		0.627 150	9.988 234		723	
278	9.361 116	32	9.372 884	34	0.627 116	9.988 232	2	722	
279	9.361 148	32	9.372 918	34	0.627 082	9.988 230	2	721	
		32		33			2		
.280	9.361 180		9.372 951		0.627 049	9.988 228		**.720**	
		32		34			1		
281	9.361 212		9.372 985		0.627 015	9.988 227		719	
282	9.361 244	32	9.373 019	34	0.626 981	9.988 225	2	718	
283	9.361 276	32	9.373 053	34	0.626 947	9.988 223	2	717	
		32		34			2		
284	9.361 308		9.373 087		0.626 913	9.988 221		716	
285	9.361 340	32	9.373 121	34	0.626 879	9.988 220	1	715	
286	9.361 373	33	9.373 155	34	0.626 845	9.988 218	2	714	
		32		34			2		
287	9.361 405		9.373 189		0.626 811	9.988 216		713	
288	9.361 437	32	9.373 223	34	0.626 777	9.988 214	2	712	
289	9.361 469	32	9.373 257	34	0.626 743	9.988 212	2	711	
		32		33			1		
.290	9.361 501		9.373 290		0.626 710	9.988 211		**.710**	
		32		34			2		
291	9.361 533		9.373 324		0.626 676	9.988 209		709	
292	9.361 565	32	9.373 358	34	0.626 642	9.988 207	2	708	
293	9.361 597	32	9.373 392	34	0.626 608	9.988 205	2	707	
		32		34			2		
294	9.361 629		9.373 426		0.626 574	9.988 203		706	
295	9.361 661	32	9.373 460	34	0.626 540	9.988 202	1	705	
296	9.361 693	32	9.373 494	34	0.626 506	9.988 200	2	704	
		33		33			2		
297	9.361 726		9.373 527		0.626 473	9.988 198		703	
298	9.361 758	32	9.373 561	34	0.626 439	9.988 196	2	702	
299	9.361 790	32	9.373 595	34	0.626 405	9.988 194	2	701	
		32		34			1		
.300	9.361 822		9.373 629		0.626 371	9.988 193		**.700**	
	cos	d	cotg	d	tang	sin	d	**76°**	P.P.

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3	9.6
4	12.8
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7	22.4
8	25.6
9	28.8

76°.750 — 76°.700

13°.300 — 13°.350

13°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.361 822		9.373 629		0.626 371	9.988 193		.700	
		32		34			2		
301	9.361 854		9.373 663		0.626 337	9.988 191		699	
302	9.361 886	32	9.373 697	34	0.626 303	9.988 189	2	698	
303	9.361 918	32	9.373 731	34	0.626 269	9.988 187	2	697	
		32		33			1		
304	9.361 950		9.373 764		0.626 236	9.988 186		696	
305	9.361 982	32	9.373 798	34	0.626 202	9.988 184	2	695	
306	9.362 014	32	9.373 832	34	0.626 168	9.988 182	2	694	
		32		34			2		
307	9.362 046		9.373 866		0.626 134	9.988 180		693	
308	9.362 078	32	9.373 900	34	0.626 100	9.988 178	2	692	
309	9.362 110	32	9.373 934	34	0.626 066	9.988 177	1	691	
		32		34			2		
.310	9.362 142		9.373 968		0.626 032	9.988 175		.690	
		32		33			2		
311	9.362 174		9.374 001		0.625 999	9.988 173		689	
312	9.362 206	32	9.374 035	34	0.625 965	9.988 171	2	688	
313	9.362 238	32	9.374 069	34	0.625 931	9.988 169	2	687	
		32		34			1		
314	9.362 270		9.374 103		0.625 897	9.988 168		686	
315	9.362 302	32	9.374 137	34	0.625 863	9.988 166	2	685	
316	9.362 334	32	9.374 170	33	0.625 830	9.988 164	2	684	
		32		34			2		
317	9.362 366		9.374 204		0.625 796	9.988 162		683	
318	9.362 399	33	9.374 238	34	0.625 762	9.988 160	2	682	
319	9.362 431	32	9.374 272	34	0.625 728	9.988 159	1	681	
		32		34			2		
.320	9.362 463		9.374 306		0.625 694	9.988 157		.680	
		32		34			2		
321	9.362 495		9.374 340		0.625 660	9.988 155		679	
322	9.362 527	32	9.374 373	33	0.625 627	9.988 153	2	678	
323	9.362 559	32	9.374 407	34	0.625 593	9.988 151	2	677	
		32		34			1		
324	9.362 591		9.374 441		0.625 559	9.988 150		676	
325	9.362 623	32	9.374 475	34	0.625 525	9.988 148	2	675	
326	9.362 655	32	9.374 509	34	0.625 491	9.988 146	2	674	
		32		33			2		
327	9.362 687		9.374 542		0.625 458	9.988 144		673	
328	9.362 719	32	9.374 576	34	0.625 424	9.988 142	2	672	
329	9.362 751	32	9.374 610	34	0.625 390	9.988 141	1	671	
		32		34			2		
.330	9.362 783		9.374 644		0.625 356	9.988 139		.670	
		32		34			2		
331	9.362 815		9.374 678		0.625 322	9.988 137		669	
332	9.362 847	32	9.374 711	33	0.625 289	9.988 135	2	668	
333	9.362 879	32	9.374 745	34	0.625 255	9.988 133	2	667	
		32		34			1		
334	9.362 911		9.374 779		0.625 221	9.988 132		666	
335	9.362 942	31	9.374 813	34	0.625 187	9.988 130	2	665	
336	9.362 974	32	9.374 846	33	0.625 154	9.988 128	2	664	
		32		34			2		
337	9.363 006		9.374 880		0.625 120	9.988 126		663	
338	9.363 038	32	9.374 914	34	0.625 086	9.988 124	2	662	
339	9.363 070	32	9.374 948	34	0.625 052	9.988 123	1	661	
		32		33			2		
.340	9.363 102		9.374 981		0.625 019	9.988 121		.660	
		32		34			2		
341	9.363 134		9.375 015		0.624 985	9.988 119		659	
342	9.363 166	32	9.375 049	34	0.624 951	9.988 117	2	658	
343	9.363 198	32	9.375 083	34	0.624 917	9.988 115	2	657	
		32		33			1		
344	9.363 230		9.375 116		0.624 884	9.988 114		656	
345	9.363 262	32	9.375 150	34	0.624 850	9.988 112	2	655	
346	9.363 294	32	9.375 184	34	0.624 816	9.988 110	2	654	
		32		34			2		
347	9.363 326		9.375 218		0.624 782	9.988 108		653	
348	9.363 358	32	9.375 251	33	0.624 749	9.988 107	1	652	
349	9.363 390	32	9.375 285	34	0.624 715	9.988 105	2	651	
		32		34			2		
.350	9.363 422		9.375 319		0.624 681	9.988 103		.650	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

76°.700 — 76°.650

$13^\circ.350 - 13^\circ.400$

13°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.363 422		9.375 319		0.624 681	9.988 103		.650	
		32		34			2		
351	9.363 454		9.375 353		0.624 647	9.988 101		649	
352	9.363 486	32	9.375 386	33	0.624 614	9.988 099	2	648	
353	9.363 518	32	9.375 420	34	0.624 580	9.988 098	1	647	
		32		34			2		
354	9.363 550		9.375 454		0.624 546	9.988 096		646	
355	9.363 582	32	9.375 488	34	0.624 512	9.988 094	2	645	
356	9.363 613	31	9.375 521	33	0.624 479	9.988 092	2	644	
		32		34			2		
357	9.363 645		9.375 555		0.624 445	9.988 090		643	
358	9.363 677	32	9.375 589	34	0.624 411	9.988 089	1	642	
359	9.363 709	32	9.375 623	34	0.624 377	9.988 087	2	641	
		32		33			2		
.360	9.363 741		9.375 656		0.624 344	9.988 085		.640	
		32		34			2		
361	9.363 773		9.375 690		0.624 310	9.988 083		639	
362	9.363 805	32	9.375 724	34	0.624 276	9.988 081	2	638	
363	9.363 837	32	9.375 757	33	0.624 243	9.988 080	1	637	
		32		34			2		
364	9.363 869		9.375 791		0.624 209	9.988 078		636	
365	9.363 901	32	9.375 825	34	0.624 175	9.988 076	2	635	
366	9.363 933	32	9.375 859	34	0.624 141	9.988 074	2	634	
		32		33			2		
367	9.363 965		9.375 892		0.624 108	9.988 072		633	
368	9.363 996	31	9.375 926	34	0.624 074	9.988 071	1	632	
369	9.364 028	32	9.375 960	34	0.624 040	9.988 069	2	631	
		32		33			2		
.370	9.364 060		9.375 993		0.624 007	9.988 067		.630	
		32		34			2		
371	9.364 092		9.376 027		0.623 973	9.988 065		629	
372	9.364 124	32	9.376 061	34	0.623 939	9.988 063	2	628	
373	9.364 156	32	9.376 094	33	0.623 906	9.988 061	2	627	
		32		34			1		
374	9.364 188		9.376 128		0.623 872	9.988 060		626	
375	9.364 220	32	9.376 162	34	0.623 838	9.988 058	2	625	
376	9.364 251	31	9.376 195	33	0.623 805	9.988 056	2	624	
		32		34			2		
377	9.364 283		9.376 229		0.623 771	9.988 054		623	
378	9.364 315	32	9.376 263	34	0.623 737	9.988 052	2	622	
379	9.364 347	32	9.376 296	33	0.623 704	9.988 051	1	621	
		32		34			2		
.380	9.364 379		9.376 330		0.623 670	9.988 049		.620	
		32		34			2		
381	9.364 411		9.376 364		0.623 636	9.988 047		619	
382	9.364 443	32	9.376 397	33	0.623 603	9.988 045	2	618	
383	9.364 475	32	9.376 431	34	0.623 569	9.988 043	2	617	
		31		34			1		
384	9.364 506		9.376 465		0.623 535	9.988 042		616	
385	9.364 538	32	9.376 498	33	0.623 502	9.988 040	2	615	
386	9.364 570	32	9.376 532	34	0.623 468	9.988 038	2	614	
		32		34			2		
387	9.364 602		9.376 566		0.623 434	9.988 036		613	
388	9.364 634	32	9.376 599	33	0.623 401	9.988 034	2	612	
389	9.364 666	32	9.376 633	34	0.623 367	9.988 033	1	611	
		32		34			2		
.390	9.364 698		9.376 667		0.623 333	9.988 031		.610	
		31		33			2		
391	9.364 729		9.376 700		0.623 300	9.988 029		609	
392	9.364 761	32	9.376 734	34	0.623 266	9.988 027	2	608	
393	9.364 793	32	9.376 768	34	0.623 232	9.988 025	2	607	
		32		33			1		
394	9.364 825		9.376 801		0.623 199	9.988 024		606	
395	9.364 857	32	9.376 835	34	0.623 165	9.988 022	2	605	
396	9.364 889	32	9.376 869	34	0.623 131	9.988 020	2	604	
		31		33			2		
397	9.364 920		9.376 902		0.623 098	9.988 018		603	
398	9.364 952	32	9.376 936	34	0.623 064	9.988 016	2	602	
399	9.364 984	32	9.376 969	33	0.623 031	9.988 015	1	601	
		32		34			2		
.400	9.365 016		9.377 003		0.622 997	9.988 013		.600	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

$76^\circ.650 - 76^\circ.600$

13°.400 — 13°.450

13°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.365 016		9.377 003		0.622 997	9.988 013		.600	
		32		34			2		
401	9.365 048		9.377 037		0.622 963	9.988 011		599	
402	9.365 079	31	9.377 070	33	0.622 930	9.988 009	2	598	
403	9.365 111	32	9.377 104	34	0.622 896	9.988 007	2	597	
		32		33			1		34
404	9.365 143		9.377 137		0.622 863	9.988 006		596	1 3.4
405	9.365 175	32	9.377 171	34	0.622 829	9.988 004	2	595	2 6.8
406	9.365 207	32	9.377 205	34	0.622 795	9.988 002	2	594	3 10.2
		31		33			2		4 13.6
407	9.365 238		9.377 238		0.622 762	9.988 000		593	5 17.0
408	9.365 270	32	9.377 272	34	0.622 728	9.987 998	2	592	6 20.4
409	9.365 302	32	9.377 306	34	0.622 694	9.987 997	1	591	7 23.8
		32		33			2		8 27.2
.410	9.365 334		9.377 339		0.622 661	9.987 995		.590	9 30.6
		32		34			2		
411	9.365 366		9.377 373		0.622 627	9.987 993		589	
412	9.365 397	31	9.377 406	33	0.622 594	9.987 991	2	588	
413	9.365 429	32	9.377 440	34	0.622 560	9.987 989	2	587	
		32		34			2		
414	9.365 461		9.377 474		0.622 526	9.987 987		586	
415	9.365 493	32	9.377 507	33	0.622 493	9.987 986	1	585	
416	9.365 525	32	9.377 541	34	0.622 459	9.987 984	2	584	33
		31		33			2		
417	9.365 556		9.377 574		0.622 426	9.987 982		583	1 3.3
418	9.365 588	32	9.377 608	34	0.622 392	9.987 980	2	582	2 6.6
419	9.365 620	32	9.377 641	33	0.622 359	9.987 978	2	581	3 9.9
		32		34			1		4 13.2
.420	9.365 652		9.377 675		0.622 325	9.987 977		.580	5 16.5
		31		34			2		6 19.8
421	9.365 683		9.377 709		0.622 291	9.987 975		579	7 23.1
422	9.365 715	32	9.377 742	33	0.622 258	9.987 973	2	578	8 26.4
423	9.365 747	32	9.377 776	34	0.622 224	9.987 971	2	577	9 29.7
		32		33			2		
424	9.365 779		9.377 809		0.622 191	9.987 969		576	
425	9.365 810	31	9.377 843	34	0.622 157	9.987 968	1	575	
426	9.365 842	32	9.377 876	33	0.622 124	9.987 966	2	574	
		32		34			2		
427	9.365 874		9.377 910		0.622 090	9.987 964		573	32
428	9.365 906	32	9.377 944	34	0.622 056	9.987 962	2	572	
429	9.365 937	31	9.377 977	33	0.622 023	9.987 960	2	571	1 3.2
		32		34			1		2 6.4
.430	9.365 969		9.378 011		0.621 989	9.987 959		.570	3 9.6
		32		33			2		4 12.8
431	9.366 001		9.378 044		0.621 956	9.987 957		569	5 16.0
432	9.366 033	32	9.378 078	34	0.621 922	9.987 955	2	568	6 19.2
433	9.366 064	31	9.378 111	33	0.621 889	9.987 953	2	567	7 22.4
		32		34			2		8 25.6
434	9.366 096		9.378 145		0.621 855	9.987 951		566	9 28.8
435	9.366 128	32	9.378 178	33	0.621 822	9.987 950	1	565	
436	9.366 160	32	9.378 212	34	0.621 788	9.987 948	2	564	
		31		33			2		
437	9.366 191		9.378 245		0.621 755	9.987 946		563	
438	9.366 223	32	9.378 279	34	0.621 721	9.987 944	2	562	
439	9.366 255	32	9.378 313	34	0.621 687	9.987 942	2	561	31
		32		33			2		
.440	9.366 287		9.378 346		0.621 654	9.987 940		.560	1 3.1
		31		34			1		2 6.2
441	9.366 318		9.378 380		0.621 620	9.987 939		559	3 9.3
442	9.366 350	32	9.378 413	33	0.621 587	9.987 937	2	558	4 12.4
443	9.366 382	32	9.378 447	34	0.621 553	9.987 935	2	557	5 15.5
		31		33			2		6 18.6
444	9.366 413		9.378 480		0.621 520	9.987 933		556	7 21.7
445	9.366 445	32	9.378 514	34	0.621 486	9.987 931	2	555	8 24.8
446	9.366 477	32	9.378 547	33	0.621 453	9.987 930	1	554	9 27.9
		31		34			2		
447	9.366 508		9.378 581		0.621 419	9.987 928		553	
448	9.366 540	32	9.378 614	33	0.621 386	9.987 926	2	552	
449	9.366 572	32	9.378 648	34	0.621 352	9.987 924	2	551	
		32		33			2		
.450	9.366 604		9.378 681		0.621 319	9.987 922		.550	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.600 — 76°.550

13°.450 — 13°.500

13°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.366 604		9.378 681		0.621 319	9.987 922		**.550**	
		31		34			1		
451	9.366 635		9.378 715		0.621 285	9.987 921		549	
452	9.366 667	32	9.378 748	33	0.621 252	9.987 919	2	548	
453	9.366 699	32	9.378 782	34	0.621 218	9.987 917	2	547	
		31		33			2		
454	9.366 730		9.378 815		0.621 185	9.987 915		546	
455	9.366 762	32	9.378 849	34	0.621 151	9.987 913	2	545	
456	9.366 794	32	9.378 882	33	0.621 118	9.987 911	2	544	
		31		34			1		
457	9.366 825		9.378 916		0.621 084	9.987 910		543	
458	9.366 857	32	9.378 949	33	0.621 051	9.987 908	2	542	
459	9.366 889	32	9.378 983	34	0.621 017	9.987 906	2	541	
		31		33			2		
.460	9.366 920		9.379 016		0.620 984	9.987 904		**.540**	
		32		34			2		
461	9.366 952		9.379 050		0.620 950	9.987 902		539	
462	9.366 984	32	9.379 083	33	0.620 917	9.987 901	1	538	
463	9.367 015	31	9.379 117	34	0.620 883	9.987 899	2	537	
		32		33			2		
464	9.367 047		9.379 150		0.620 850	9.987 897		536	
465	9.367 079	32	9.379 184	34	0.620 816	9.987 895	2	535	
466	9.367 110	31	9.379 217	33	0.620 783	9.987 893	2	534	
		32		34			2		
467	9.367 142		9.379 251		0.620 749	9.987 891		533	
468	9.367 174	32	9.379 284	33	0.620 716	9.987 890	1	532	
469	9.367 205	31	9.379 317	33	0.620 683	9.987 888	2	531	
		32		34			2		
.470	9.367 237		9.379 351		0.620 649	9.987 886		**.530**	
		32		33			2		
471	9.367 269		9.379 384		0.620 616	9.987 884		529	
472	9.367 300	31	9.379 418	34	0.620 582	9.987 882	2	528	
473	9.367 332	32	9.379 451	33	0.620 549	9.987 881	1	527	
		32		34			2		
474	9.367 364		9.379 485		0.620 515	9.987 879		526	
475	9.367 395	31	9.379 518	33	0.620 482	9.987 877	2	525	
476	9.367 427	32	9.379 552	34	0.620 448	9.987 875	2	524	
		31		33			2		
477	9.367 458		9.379 585		0.620 415	9.987 873		523	
478	9.367 490	32	9.379 619	34	0.620 381	9.987 872	1	522	
479	9.367 522	32	9.379 652	33	0.620 348	9.987 870	2	521	
		31		33			2		
.480	9.367 553		9.379 685		0.620 315	9.987 868		**.520**	
		32		34			2		
481	9.367 585		9.379 719		0.620 281	9.987 866		519	
482	9.367 617	32	9.379 752	33	0.620 248	9.987 864	2	518	
483	9.367 648	31	9.379 786	34	0.620 214	9.987 862	2	517	
		32		33			1		
484	9.367 680		9.379 819		0.620 181	9.987 861		516	
485	9.367 711	31	9.379 853	34	0.620 147	9.987 859	2	515	
486	9.367 743	32	9.379 886	33	0.620 114	9.987 857	2	514	
		32		33			2		
487	9.367 775		9.379 919		0.620 081	9.987 855		513	
488	9.367 806	31	9.379 953	34	0.620 047	9.987 853	2	512	
489	9.367 838	32	9.379 986	33	0.620 014	9.987 852	1	511	
		31		34			2		
.490	9.367 869		9.380 020		0.619 980	9.987 850		**.510**	
		32		33			2		
491	9.367 901		9.380 053		0.619 947	9.987 848		509	
492	9.367 933	32	9.380 087	34	0.619 913	9.987 846	2	508	
493	9.367 964	31	9.380 120	33	0.619 880	9.987 844	2	507	
		32		33			2		
494	9.367 996		9.380 153		0.619 847	9.987 842		506	
495	9.368 027	31	9.380 187	34	0.619 813	9.987 841	1	505	
496	9.368 059	32	9.380 220	33	0.619 780	9.987 839	2	504	
		32		34			2		
497	9.368 091		9.380 254		0.619 746	9.987 837		503	
498	9.368 122	31	9.380 287	33	0.619 713	9.987 835	2	502	
499	9.368 154	32	9.380 320	33	0.619 680	9.987 833	2	501	
		31		34			1		
.500	9.368 185		9.380 354		0.619 646	9.987 832		**.500**	
	cos	d	cotg	d	tang	sin	d	**76°**	P.P.

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

76°.550 — 76°.500

13°.500 — 13°.550

13°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.368 185		9.380 354		0.619 646	9.987 832		.500	
		32		33			2		
501	9.368 217		9.380 387		0.619 613	9.987 830		499	
502	9.368 248	31	9.380 421	34	0.619 579	9.987 828	2	498	
503	9.368 280	32	9.380 454	33	0.619 546	9.987 826	2	497	
		32		33			2		34
504	9.368 312		9.380 487		0.619 513	9.987 824		496	1 3.4
505	9.368 343	31	9.380 521	34	0.619 479	9.987 822	2	495	2 6.8
506	9.368 375	32	9.380 554	33	0.619 446	9.987 821	1	494	3 10.2
		31		33			2		4 13.6
507	9.368 406		9.380 587		0.619 413	9.987 819		493	5 17.0
508	9.368 438	32	9.380 621	34	0.619 379	9.987 817	2	492	6 20.4
509	9.368 469	31	9.380 654	33	0.619 346	9.987 815	2	491	7 23.8
		32		34			2		8 27.2
.510	9.368 501		9.380 688		0.619 312	9.987 813		.490	9 30.6
		31		33			2		
511	9.368 532		9.380 721		0.619 279	9.987 811		489	
512	9.368 564	32	9.380 754	33	0.619 246	9.987 810	1	488	
513	9.368 595	31	9.380 788	34	0.619 212	9.987 808	2	487	
		32		33			2		
514	9.368 627		9.380 821		0.619 179	9.987 806		486	
515	9.368 659	32	9.380 854	33	0.619 146	9.987 804	2	485	
516	9.368 690	31	9.380 888	34	0.619 112	9.987 802	2	484	33
		32		33			1		1 3.3
517	9.368 722		9.380 921		0.619 079	9.987 801		483	2 6.6
518	9.368 753	31	9.380 954	33	0.619 046	9.987 799	2	482	3 9.9
519	9.368 785	32	9.380 988	34	0.619 012	9.987 797	2	481	4 13.2
		31		33			2		5 16.5
.520	9.368 816		9.381 021		0.618 979	9.987 795		.480	6 19.8
		32		33			2		7 23.1
521	9.368 848		9.381 054		0.618 946	9.987 793		479	8 26.4
522	9.368 879	31	9.381 088	34	0.618 912	9.987 791	2	478	9 29.7
523	9.368 911	32	9.381 121	33	0.618 879	9.987 790	1	477	
		31		33			2		
524	9.368 942		9.381 154		0.618 846	9.987 788		476	
525	9.368 974	32	9.381 188	34	0.618 812	9.987 786	2	475	
526	9.369 005	31	9.381 221	33	0.618 779	9.987 784	2	474	
		32		33			2		
527	9.369 037		9.381 254		0.618 746	9.987 782		473	32
528	9.369 068	31	9.381 288	34	0.618 712	9.987 781	1	472	1 3.2
529	9.369 100	32	9.381 321	33	0.618 679	9.987 779	2	471	2 6.4
		31		33			2		3 9.6
.530	9.369 131		9.381 354		0.618 646	9.987 777		.470	4 12.8
		32		34			2		5 16.0
531	9.369 163		9.381 388		0.618 612	9.987 775		469	6 19.2
532	9.369 194	31	9.381 421	33	0.618 579	9.987 773	2	468	7 22.4
533	9.369 226	32	9.381 454	33	0.618 546	9.987 771	2	467	8 25.6
		31		34			1		9 28.8
534	9.369 257		9.381 488		0.618 512	9.987 770		466	
535	9.369 289	32	9.381 521	33	0.618 479	9.987 768	2	465	
536	9.369 320	31	9.381 554	33	0.618 446	9.987 766	2	464	
		32		34			2		
537	9.369 352		9.381 588		0.618 412	9.987 764		463	
538	9.369 383	31	9.381 621	33	0.618 379	9.987 762	2	462	
539	9.369 415	32	9.381 654	33	0.618 346	9.987 760	2	461	31
		31		34			1		
.540	9.369 446		9.381 688		0.618 312	9.987 759		.460	1 3.1
		32		33			2		2 6.2
541	9.369 478		9.381 721		0.618 279	9.987 757		459	3 9.3
542	9.369 509	31	9.381 754	33	0.618 246	9.987 755	2	458	4 12.4
543	9.369 541	32	9.381 787	33	0.618 213	9.987 753	2	457	5 15.5
		31		34			2		6 18.6
544	9.369 572		9.381 821		0.618 179	9.987 751		456	7 21.7
545	9.369 604	32	9.381 854	33	0.618 146	9.987 749	2	455	8 24.8
546	9.369 635	31	9.381 887	33	0.618 113	9.987 748	1	454	9 27.9
		31		34			2		
547	9.369 666		9.381 921		0.618 079	9.987 746		453	
548	9.369 698	32	9.381 954	33	0.618 046	9.987 744	2	452	
549	9.369 729	31	9.381 987	33	0.618 013	9.987 742	2	451	
		32		33			2		
.550	9.369 761		9.382 020		0.617 980	9.987 740		.450	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.500 — 76°.450

13°.550 — 13°.600

13°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.369 761		9.382 020		0.617 980	9.987 740		**.450**	
		31		34			1		
551	9.369 792		9.382 054		0.617 946	9.987 739		449	
552	9.369 824	32	9.382 087	33	0.617 913	9.987 737	2	448	
553	9.369 855	31	9.382 120	33	0.617 880	9.987 735	2	447	
		32		34			2		
554	9.369 887		9.382 154		0.617 846	9.987 733		446	
555	9.369 918	31	9.382 187	33	0.617 813	9.987 731	2	445	
556	9.369 950	32	9.382 220	33	0.617 780	9.987 729	2	444	
		31		33			1		
557	9.369 981		9.382 253		0.617 747	9.987 728		443	
558	9.370 012	31	9.382 287	34	0.617 713	9.987 726	2	442	
559	9.370 044	32	9.382 320	33	0.617 680	9.987 724	2	441	
		31		33			2		
.560	9.370 075		9.382 353		0.617 647	9.987 722		**.440**	
		32		33			2		
561	9.370 107		9.382 386		0.617 614	9.987 720		439	
562	9.370 138	31	9.382 420	34	0.617 580	9.987 718	2	438	
563	9.370 170	32	9.382 453	33	0.617 547	9.987 717	1	437	
		31		33			2		
564	9.370 201		9.382 486		0.617 514	9.987 715		436	
565	9.370 232	31	9.382 519	33	0.617 481	9.987 713	2	435	
566	9.370 264	32	9.382 553	34	0.617 447	9.987 711	2	434	
		31		33			2		
567	9.370 295		9.382 586		0.617 414	9.987 709		433	
568	9.370 327	32	9.382 619	33	0.617 381	9.987 707	2	432	
569	9.370 358	31	9.382 652	33	0.617 348	9.987 706	1	431	
		31		34			2		
.570	9.370 389		9.382 686		0.617 314	9.987 704		**.430**	
		32		33			2		
571	9.370 421		9.382 719		0.617 281	9.987 702		429	
572	9.370 452	31	9.382 752	33	0.617 248	9.987 700	2	428	
573	9.370 484	32	9.382 785	33	0.617 215	9.987 698	2	427	
		31		34			2		
574	9.370 515		9.382 819		0.617 181	9.987 696		426	
575	9.370 546	31	9.382 852	33	0.617 148	9.987 695	1	425	
576	9.370 578	32	9.382 885	33	0.617 115	9.987 693	2	424	
		31		33			2		
577	9.370 609		9.382 918		0.617 082	9.987 691		423	
578	9.370 641	32	9.382 951	33	0.617 049	9.987 689	2	422	
579	9.370 672	31	9.382 985	34	0.617 015	9.987 687	2	421	
		31		33			2		
.580	9.370 703		9.383 018		0.616 982	9.987 685		**.420**	
		32		33			1		
581	9.370 735		9.383 051		0.616 949	9.987 684		419	
582	9.370 766	31	9.383 084	33	0.616 916	9.987 682	2	418	
583	9.370 797	31	9.383 117	33	0.616 883	9.987 680	2	417	
		32		34			2		
584	9.370 829		9.383 151		0.616 849	9.987 678		416	
585	9.370 860	31	9.383 184	33	0.616 816	9.987 676	2	415	
586	9.370 892	32	9.383 217	33	0.616 783	9.987 674	2	414	
		31		33			1		
587	9.370 923		9.383 250		0.616 750	9.987 673		413	
588	9.370 954	31	9.383 283	33	0.616 717	9.987 671	2	412	
589	9.370 986	32	9.383 317	34	0.616 683	9.987 669	2	411	
		31		33			2		
.590	9.371 017		9.383 350		0.616 650	9.987 667		**.410**	
		31		33			2		
591	9.371 048		9.383 383		0.616 617	9.987 665		409	
592	9.371 080	32	9.383 416	33	0.616 584	9.987 664	1	408	
593	9.371 111	31	9.383 449	33	0.616 551	9.987 662	2	407	
		31		34			2		
594	9.371 142		9.383 483		0.616 517	9.987 660		406	
595	9.371 174	32	9.383 516	33	0.616 484	9.987 658	2	405	
596	9.371 205	31	9.383 549	33	0.616 451	9.987 656	2	404	
		31		33			2		
597	9.371 236		9.383 582		0.616 418	9.987 654		403	
598	9.371 268	32	9.383 615	33	0.616 385	9.987 653	1	402	
599	9.371 299	31	9.383 648	33	0.616 352	9.987 651	2	401	
		31		34			2		
.600	9.371 330		9.383 682		0.616 318	9.987 649		**.400**	
	cos	d	cotg	d	tang	sin	d	**76°**	P.P.

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

76°.450 — 76°.400

13°.600 — 13°.650

13°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.371 330		9.383 682		0.616 318	9.987 649		.400	
		32		33			2		
601	9.371 362		9.383 715		0.616 285	9.987 647		399	
602	9.371 393	31	9.383 748	33	0.616 252	9.987 645	2	398	
603	9.371 424	31	9.383 781	33	0.616 219	9.987 643	2	397	
		32		33			1		34
604	9.371 456		9.383 814		0.616 186	9.987 642		396	1 3.4
605	9.371 487	31	9.383 847	33	0.616 153	9.987 640	2	395	2 6.8
606	9.371 518	31	9.383 881	34	0.616 119	9.987 638	2	394	3 10.2
		32		33			2		4 13.6
607	9.371 550		9.383 914		0.616 086	9.987 636		393	5 17.0
608	9.371 581	31	9.383 947	33	0.616 053	9.987 634	2	392	6 20.4
609	9.371 612	31	9.383 980	33	0.616 020	9.987 632	2	391	7 23.8
		32		33			2		8 27.2
.610	9.371 644		9.384 013		0.615 987	9.987 630		.390	9 30.6
		31		33			1		
611	9.371 675		9.384 046		0.615 954	9.987 629		389	
612	9.371 706	31	9.384 079	33	0.615 921	9.987 627	2	388	
613	9.371 738	32	9.384 113	34	0.615 887	9.987 625	2	387	
		31		33			2		
614	9.371 769		9.384 146		0.615 854	9.987 623		386	
615	9.371 800	31	9.384 179	33	0.615 821	9.987 621	2	385	
616	9.371 831	31	9.384 212	33	0.615 788	9.987 619	2	384	33
		32		33			1		1 3.3
617	9.371 863		9.384 245		0.615 755	9.987 618		383	2 6.6
618	9.371 894	31	9.384 278	33	0.615 722	9.987 616	2	382	3 9.9
619	9.371 925	31	9.384 311	33	0.615 689	9.987 614	2	381	4 13.2
		32		33			2		5 16.5
.620	9.371 957		9.384 344		0.615 656	9.987 612		.380	6 19.8
		31		34			2		7 23.1
621	9.371 988		9.384 378		0.615 622	9.987 610		379	8 26.4
622	9.372 019	31	9.384 411	33	0.615 589	9.987 608	2	378	9 29.7
623	9.372 050	31	9.384 444	33	0.615 556	9.987 607	1	377	
		32		33			2		
624	9.372 082		9.384 477		0.615 523	9.987 605		376	
625	9.372 113	31	9.384 510	33	0.615 490	9.987 603	2	375	
626	9.372 144	31	9.384 543	33	0.615 457	9.987 601	2	374	
		31		33			2		
627	9.372 175		9.384 576		0.615 424	9.987 599		373	32
628	9.372 207	32	9.384 609	33	0.615 391	9.987 597	2	372	1 3.2
629	9.372 238	31	9.384 642	33	0.615 358	9.987 596	1	371	2 6.4
		31		34			2		3 9.6
.630	9.372 269		9.384 676		0.615 324	9.987 594		.370	4 12.8
		32		33			2		5 16.0
631	9.372 301		9.384 709		0.615 291	9.987 592		369	6 19.2
632	9.372 332	31	9.384 742	33	0.615 258	9.987 590	2	368	7 22.4
633	9.372 363	31	9.384 775	33	0.615 225	9.987 588	2	367	8 25.6
		31		33			2		9 28.8
634	9.372 394		9.384 808		0.615 192	9.987 586		366	
635	9.372 426	32	9.384 841	33	0.615 159	9.987 585	1	365	
636	9.372 457	31	9.384 874	33	0.615 126	9.987 583	2	364	
		31		33			2		
637	9.372 488		9.384 907		0.615 093	9.987 581		363	
638	9.372 519	31	9.384 940	33	0.615 060	9.987 579	2	362	
639	9.372 551	32	9.384 973	33	0.615 027	9.987 577	2	361	31
		31		33			2		
.640	9.372 582		9.385 006		0.614 994	9.987 575		.360	1 3.1
		31		33			1		2 6.2
641	9.372 613		9.385 039		0.614 961	9.987 574		359	3 9.3
642	9.372 644	31	9.385 073	34	0.614 927	9.987 572	2	358	4 12.4
643	9.372 675	31	9.385 106	33	0.614 894	9.987 570	2	357	5 15.5
		32		33			2		6 18.6
644	9.372 707		9.385 139		0.614 861	9.987 568		356	7 21.7
645	9.372 738	31	9.385 172	33	0.614 828	9.987 566	2	355	8 24.8
646	9.372 769	31	9.385 205	33	0.614 795	9.987 564	2	354	9 27.9
		31		33			2		
647	9.372 800		9.385 238		0.614 762	9.987 562		353	
648	9.372 832	32	9.385 271	33	0.614 729	9.987 561	1	352	
649	9.372 863	31	9.385 304	33	0.614 696	9.987 559	2	351	
		31		33			2		
.650	9.372 894		9.385 337		0.614 663	9.987 557		.350	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.400 — 76°.350

13°.650 — 13°.700

13°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.372 894		9.385 337		0.614 663	9.987 557		**.350**	
		31		33			2		
651	9.372 925		9.385 370		0.614 630	9.987 555		349	
652	9.372 956	31	9.385 403	33	0.614 597	9.987 553	2	348	
653	9.372 988	32	9.385 436	33	0.614 564	9.987 551	2	347	
		31		33			1		34
654	9.373 019		9.385 469		0.614 531	9.987 550		346	1 3.4
655	9.373 050	31	9.385 502	33	0.614 498	9.987 548	2	345	2 6.8
656	9.373 081	31	9.385 535	33	0.614 465	9.987 546	2	344	3 10.2
		31		33			2		4 13.6
657	9.373 112		9.385 568		0.614 432	9.987 544		343	5 17.0
658	9.373 144	32	9.385 601	33	0.614 399	9.987 542	2	342	6 20.4
659	9.373 175	31	9.385 634	33	0.614 366	9.987 540	2	341	7 23.8
		31		33			1		8 27.2
.660	9.373 206		9.385 667		0.614 333	9.987 539		**.340**	9 30.6
		31		33			2		
661	9.373 237		9.385 700		0.614 300	9.987 537		339	
662	9.373 268	31	9.385 734	34	0.614 266	9.987 535	2	338	
663	9.373 300	32	9.385 767	33	0.614 233	9.987 533	2	337	
		31		33			2		
664	9.373 331		9.385 800		0.614 200	9.987 531		336	
665	9.373 362	31	9.385 833	33	0.614 167	9.987 529	2	335	
666	9.373 393	31	9.385 866	33	0.614 134	9.987 528	1	334	33
		31		33			2		1 3.3
667	9.373 424		9.385 899		0.614 101	9.987 526		333	2 6.6
668	9.373 455	31	9.385 932	33	0.614 068	9.987 524	2	332	3 9.9
669	9.373 487	32	9.385 965	33	0.614 035	9.987 522	2	331	4 13.2
		31		33			2		5 16.5
.670	9.373 518		9.385 998		0.614 002	9.987 520		**.330**	6 19.8
		31		33			2		7 23.1
671	9.373 549		9.386 031		0.613 969	9.987 518		329	8 26.4
672	9.373 580	31	9.386 064	33	0.613 936	9.987 516	2	328	9 29.7
673	9.373 611	31	9.386 097	33	0.613 903	9.987 515	1	327	
		31		33			2		
674	9.373 642		9.386 130		0.613 870	9.987 513		326	
675	9.373 674	32	9.386 163	33	0.613 837	9.987 511	2	325	
676	9.373 705	31	9.386 196	33	0.613 804	9.987 509	2	324	
		31		33			2		
677	9.373 736		9.386 229		0.613 771	9.987 507		323	32
678	9.373 767	31	9.386 262	33	0.613 738	9.987 505	2	322	1 3.2
679	9.373 798	31	9.386 295	33	0.613 705	9.987 504	1	321	2 6.4
		31		33			2		3 9.6
.680	9.373 829		9.386 328		0.613 672	9.987 502		**.320**	4 12.8
		31		33			2		5 16.0
681	9.373 860		9.386 361		0.613 639	9.987 500		319	6 19.2
682	9.373 892	32	9.386 394	33	0.613 606	9.987 498	2	318	7 22.4
683	9.373 923	31	9.386 427	33	0.613 573	9.987 496	2	317	8 25.6
		31		33			2		9 28.8
684	9.373 954		9.386 460		0.613 540	9.987 494		316	
685	9.373 985	31	9.386 493	33	0.613 507	9.987 492	2	315	
686	9.374 016	31	9.386 525	32	0.613 475	9.987 491	1	314	
		31		33			2		
687	9.374 047		9.386 558		0.613 442	9.987 489		313	31
688	9.374 078	31	9.386 591	33	0.613 409	9.987 487	2	312	1 3.1
689	9.374 109	31	9.386 624	33	0.613 376	9.987 485	2	311	2 6.2
		32		33			2		3 9.3
.690	9.374 141		9.386 657		0.613 343	9.987 483		**.310**	4 12.4
		31		33			2		5 15.5
691	9.374 172		9.386 690		0.613 310	9.987 481		309	6 18.6
692	9.374 203	31	9.386 723	33	0.613 277	9.987 480	1	308	7 21.7
693	9.374 234	31	9.386 756	33	0.613 244	9.987 478	2	307	8 24.8
		31		33			2		9 27.9
694	9.374 265		9.386 789		0.613 211	9.987 476		306	
695	9.374 296	31	9.386 822	33	0.613 178	9.987 474	2	305	
696	9.374 327	31	9.386 855	33	0.613 145	9.987 472	2	304	
		31		33			2		
697	9.374 358		9.386 888		0.613 112	9.987 470		303	
698	9.374 389	31	9.386 921	33	0.613 079	9.987 468	2	302	
699	9.374 421	32	9.386 954	33	0.613 046	9.987 467	1	301	
		31		33			2		
.700	9.374 452		9.386 987		0.613 013	9.987 465		**.300**	
	cos	d	cotg	d	tang	sin	d	**76°**	P.P.

76°.350 — 76°.300

13°.700 — 13°.750

13°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.374 452		9.386 987		0.613 013	9.987 465		.300	
		31		33			2		
701	9.374 483		9.387 020		0.612 980	9.987 463		299	
702	9.374 514	31	9.387 053	33	0.612 947	9.987 461	2	298	
703	9.374 545	31	9.387 086	33	0.612 914	9.987 459	2	297	
		31		33			2		33
704	9.374 576		9.387 119		0.612 881	9.987 457		296	1 3.3
705	9.374 607	31	9.387 152	33	0.612 848	9.987 456	1	295	2 6.6
706	9.374 638	31	9.387 185	33	0.612 815	9.987 454	2	294	3 9.9
		31		32			2		4 13.2
707	9.374 669		9.387 217		0.612 783	9.987 452		293	5 16.5
708	9.374 700	31	9.387 250	33	0.612 750	9.987 450	2	292	6 19.8
709	9.374 731	31	9.387 283	33	0.612 717	9.987 448	2	291	7 23.1
		31		33			2		8 26.4
.710	9.374 762		9.387 316		0.612 684	9.987 446		.290	9 29.7
		32		33			2		
711	9.374 794		9.387 349		0.612 651	9.987 444		289	
712	9.374 825	31	9.387 382	33	0.612 618	9.987 443	1	288	
713	9.374 856	31	9.387 415	33	0.612 585	9.987 441	2	287	
		31		33			2		
714	9.374 887		9.387 448		0.612 552	9.987 439		286	
715	9.374 918	31	9.387 481	33	0.612 519	9.987 437	2	285	
716	9.374 949	31	9.387 514	33	0.612 486	9.987 435	2	284	32
		31		33			2		
717	9.374 980		9.387 547		0.612 453	9.987 433		283	1 3.2
718	9.375 011	31	9.387 579	32	0.612 421	9.987 431	2	282	2 6.4
719	9.375 042	31	9.387 612	33	0.612 388	9.987 430	1	281	3 9.6
		31		33			2		4 12.8
.720	9.375 073		9.387 645		0.612 355	9.987 428		.280	5 16.0
		31		33			2		6 19.2
721	9.375 104		9.387 678		0.612 322	9.987 426		279	7 22.4
722	9.375 135	31	9.387 711	33	0.612 289	9.987 424	2	278	8 25.6
723	9.375 166	31	9.387 744	33	0.612 256	9.987 422	2	277	9 28.8
		31		33			2		
724	9.375 197		9.387 777		0.612 223	9.987 420		276	
725	9.375 228	31	9.387 810	33	0.612 190	9.987 419	1	275	
726	9.375 259	31	9.387 843	33	0.612 157	9.987 417	2	274	
		31		33			2		
727	9.375 290		9.387 876		0.612 124	9.987 415		273	31
728	9.375 321	31	9.387 908	32	0.612 092	9.987 413	2	272	
729	9.375 352	31	9.387 941	33	0.612 059	9.987 411	2	271	1 3.1
		31		33			2		2 6.2
.730	9.375 383		9.387 974		0.612 026	9.987 409		.270	3 9.3
		31		33			2		4 12.4
731	9.375 414		9.388 007		0.611 993	9.987 407		269	5 15.5
732	9.375 445	31	9.388 040	33	0.611 960	9.987 406	1	268	6 18.6
733	9.375 476	31	9.388 073	33	0.611 927	9.987 404	2	267	7 21.7
		31		33			2		8 24.8
734	9.375 507		9.388 106		0.611 894	9.987 402		266	9 27.9
735	9.375 538	31	9.388 138	32	0.611 862	9.987 400	2	265	
736	9.375 570	32	9.388 171	33	0.611 829	9.987 398	2	264	
		31		33			2		
737	9.375 601		9.388 204		0.611 796	9.987 396		263	
738	9.375 632	31	9.388 237	33	0.611 763	9.987 394	2	262	
739	9.375 663	31	9.388 270	33	0.611 730	9.987 393	1	261	30
		31		33			2		
.740	9.375 694		9.388 303		0.611 697	9.987 391		.260	1 3.0
		31		33			2		2 6.0
741	9.375 725		9.388 336		0.611 664	9.987 389		259	3 9.0
742	9.375 756	31	9.388 368	32	0.611 632	9.987 387	2	258	4 12.0
743	9.375 787	31	9.388 401	33	0.611 599	9.987 385	2	257	5 15.0
		31		33			2		6 18.0
744	9.375 818		9.388 434		0.611 566	9.987 383		256	7 21.0
745	9.375 848	30	9.388 467	33	0.611 533	9.987 381	2	255	8 24.0
746	9.375 879	31	9.388 500	33	0.611 500	9.987 380	1	254	9 27.0
		31		33			2		
747	9.375 910		9.388 533		0.611 467	9.987 378		253	
748	9.375 941	31	9.388 566	33	0.611 434	9.987 376	2	252	
749	9.375 972	31	9.388 598	32	0.611 402	9.987 374	2	251	
		31		33			2		
.750	9.376 003		9.388 631		0.611 369	9.987 372		.250	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.300 — 76°.250

13°.750 — 13°.800

13°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.376 003		9.388 631		0.611 369	9.987 372		**.250**	
		31		33			2		
751	9.376 034		9.388 664		0.611 336	9.987 370		249	
752	9.376 065	31	9.388 697	33	0.611 303	9.987 368	2	248	
753	9.376 096	31	9.388 730	33	0.611 270	9.987 367	1	247	
		31		33			2		33
754	9.376 127		9.388 763		0.611 237	9.987 365		246	1 3.3
755	9.376 158	31	9.388 795	32	0.611 205	9.987 363	2	245	2 6.6
756	9.376 189	31	9.388 828	33	0.611 172	9.987 361	2	244	3 9.9
		31		33			2		4 13.2
757	9.376 220		9.388 861		0.611 139	9.987 359		243	5 16.5
758	9.376 251	31	9.388 894	33	0.611 106	9.987 357	2	242	6 19.8
759	9.376 282	31	9.388 927	33	0.611 073	9.987 356	1	241	7 23.1
		31		32			2		8 26.4
.760	9.376 313		9.388 959		0.611 041	9.987 354		**.240**	9 29.7
		31		33			2		
761	9.376 344		9.388 992		0.611 008	9.987 352		239	
762	9.376 375	31	9.389 025	33	0.610 975	9.987 350	2	238	
763	9.376 406	31	9.389 058	33	0.610 942	9.987 348	2	237	
		31		33			2		
764	9.376 437		9.389 091		0.610 909	9.987 346		236	
765	9.376 468	31	9.389 123	32	0.610 877	9.987 344	2	235	
766	9.376 499	31	9.389 156	33	0.610 844	9.987 343	1	234	32
		31		33			2		1 3.2
767	9.376 530		9.389 189		0.610 811	9.987 341		233	2 6.4
768	9.376 561	31	9.389 222	33	0.610 778	9.987 339	2	232	3 9.6
769	9.376 592	31	9.389 255	33	0.610 745	9.987 337	2	231	4 12.8
		30		32			2		5 16.0
.770	9.376 622		9.389 287		0.610 713	9.987 335		**.230**	6 19.2
		31		33			2		7 22.4
771	9.376 653		9.389 320		0.610 680	9.987 333		229	8 25.6
772	9.376 684	31	9.389 353	33	0.610 647	9.987 331	2	228	9 28.8
773	9.376 715	31	9.389 386	33	0.610 614	9.987 330	1	227	
		31		33			2		
774	9.376 746		9.389 419		0.610 581	9.987 328		226	
775	9.376 777	31	9.389 451	32	0.610 549	9.987 326	2	225	
776	9.376 808	31	9.389 484	33	0.610 516	9.987 324	2	224	
		31		33			2		
777	9.376 839		9.389 517		0.610 483	9.987 322		223	31
778	9.376 870	31	9.389 550	33	0.610 450	9.987 320	2	222	1 3.1
779	9.376 901	31	9.389 582	32	0.610 418	9.987 318	2	221	2 6.2
		31		33			2		3 9.3
.780	9.376 932		9.389 615		0.610 385	9.987 316		**.220**	4 12.4
		31		33			1		5 15.5
781	9.376 963		9.389 648		0.610 352	9.987 315		219	6 18.6
782	9.376 993	30	9.389 681	33	0.610 319	9.987 313	2	218	7 21.7
783	9.377 024	31	9.389 713	32	0.610 287	9.987 311	2	217	8 24.8
		31		33			2		9 27.9
784	9.377 055		9.389 746		0.610 254	9.987 309		216	
785	9.377 086	31	9.389 779	33	0.610 221	9.987 307	2	215	
786	9.377 117	31	9.389 812	33	0.610 188	9.987 305	2	214	
		31		32			2		
787	9.377 148		9.389 844		0.610 156	9.987 303		213	
788	9.377 179	31	9.389 877	33	0.610 123	9.987 302	1	212	
789	9.377 210	31	9.389 910	33	0.610 090	9.987 300	2	211	30
		31		33			2		1 3.0
.790	9.377 241		9.389 943		0.610 057	9.987 298		**.210**	2 6.0
		30		32			2		3 9.0
791	9.377 271		9.389 975		0.610 025	9.987 296		209	4 12.0
792	9.377 302	31	9.390 008	33	0.609 992	9.987 294	2	208	5 15.0
793	9.377 333	31	9.390 041	33	0.609 959	9.987 292	2	207	6 18.0
		31		33			2		7 21.0
794	9.377 364		9.390 074		0.609 926	9.987 290		206	8 24.0
795	9.377 395	31	9.390 106	32	0.609 894	9.987 289	1	205	9 27.0
796	9.377 426	31	9.390 139	33	0.609 861	9.987 287	2	204	
		31		33			2		
797	9.377 457		9.390 172		0.609 828	9.987 285		203	
798	9.377 488	31	9.390 205	33	0.609 795	9.987 283	2	202	
799	9.377 518	30	9.390 237	32	0.609 763	9.987 281	2	201	
		31		33			2		
.800	9.377 549		9.390 270		0.609 730	9.987 279		**.200**	
	cos	d	cotg	d	tang	sin	d	**76°**	P.P.

76°.250 — 76°.200

13°.800 — 13°.850

13°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.377 549		9.390 270		0.609 730	9.987 279		**.200**	
		31		33			2		
801	9.377 580		9.390 303		0.609 697	9.987 277		199	
802	9.377 611	31	9.390 335	32	0.609 665	9.987 276	1	198	
803	9.377 642	31	9.390 368	33	0.609 632	9.987 274	2	197	
		31		33			2		
804	9.377 673		9.390 401		0.609 599	9.987 272		196	
805	9.377 704	31	9.390 434	33	0.609 566	9.987 270	2	195	
806	9.377 734	30	9.390 466	32	0.609 534	9.987 268	2	194	
		31		33			2		
807	9.377 765		9.390 499		0.609 501	9.987 266		193	
808	9.377 796	31	9.390 532	33	0.609 468	9.987 264	2	192	
809	9.377 827	31	9.390 564	32	0.609 436	9.987 263	1	191	
		31		33			2		
.810	9.377 858		9.390 597		0.609 403	9.987 261		**.190**	
		31		33			2		
811	9.377 889		9.390 630		0.609 370	9.987 259		189	
812	9.377 919	30	9.390 663	33	0.609 337	9.987 257	2	188	
813	9.377 950	31	9.390 695	32	0.609 305	9.987 255	2	187	
		31		33			2		
814	9.377 981		9.390 728		0.609 272	9.987 253		186	
815	9.378 012	31	9.390 761	33	0.609 239	9.987 251	2	185	
816	9.378 043	31	9.390 793	32	0.609 207	9.987 249	2	184	
		31		33			1		
817	9.378 074		9.390 826		0.609 174	9.987 248		183	
818	9.378 104	30	9.390 859	33	0.609 141	9.987 246	2	182	
819	9.378 135	31	9.390 891	32	0.609 109	9.987 244	2	181	
		31		33			2		
.820	9.378 166		9.390 924		0.609 076	9.987 242		**.180**	
		31		33			2		
821	9.378 197		9.390 957		0.609 043	9.987 240		179	
822	9.378 228	31	9.390 989	32	0.609 011	9.987 238	2	178	
823	9.378 258	30	9.391 022	33	0.608 978	9.987 236	2	177	
		31		33			1		
824	9.378 289		9.391 055		0.608 945	9.987 235		176	
825	9.378 320	31	9.391 087	32	0.608 913	9.987 233	2	175	
826	9.378 351	31	9.391 120	33	0.608 880	9.987 231	2	174	
		31		33			2		
827	9.378 382		9.391 153		0.608 847	9.987 229		173	
828	9.378 412	30	9.391 185	32	0.608 815	9.987 227	2	172	
829	9.378 443	31	9.391 218	33	0.608 782	9.987 225	2	171	
		31		33			2		
.830	9.378 474		9.391 251		0.608 749	9.987 223		**.170**	
		31		32			1		
831	9.378 505		9.391 283		0.608 717	9.987 222		169	
832	9.378 536	31	9.391 316	33	0.608 684	9.987 220	2	168	
833	9.378 566	30	9.391 349	33	0.608 651	9.987 218	2	167	
		31		32			2		
834	9.378 597		9.391 381		0.608 619	9.987 216		166	
835	9.378 628	31	9.391 414	33	0.608 586	9.987 214	2	165	
836	9.378 659	31	9.391 447	33	0.608 553	9.987 212	2	164	
		31		32			2		
837	9.378 690		9.391 479		0.608 521	9.987 210		163	
838	9.378 720	30	9.391 512	33	0.608 488	9.987 208	2	162	
839	9.378 751	31	9.391 544	32	0.608 456	9.987 207	1	161	
		31		33			2		
.840	9.378 782		9.391 577		0.608 423	9.987 205		**.160**	
		31		33			2		
841	9.378 813		9.391 610		0.608 390	9.987 203		159	
842	9.378 843	30	9.391 642	32	0.608 358	9.987 201	2	158	
843	9.378 874	31	9.391 675	33	0.608 325	9.987 199	2	157	
		31		33			2		
844	9.378 905		9.391 708		0.608 292	9.987 197		156	
845	9.378 936	31	9.391 740	32	0.608 260	9.987 195	2	155	
846	9.378 966	30	9.391 773	33	0.608 227	9.987 193	2	154	
		31		33			1		
847	9.378 997		9.391 806		0.608 194	9.987 192		153	
848	9.379 028	31	9.391 838	32	0.608 162	9.987 190	2	152	
849	9.379 059	31	9.391 871	33	0.608 129	9.987 188	2	151	
		30		32			2		
.850	9.379 089		9.391 903		0.608 097	9.987 186		**.150**	
	cos	d	cotg	d	tang	sin	d	**76°**	P.P.

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

76°.200 — 76°.150

13°.850 — 13°.900

13°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.379 089		9.391 903		0.608 097	9.987 186		.150	
		31		33			2		
851	9.379 120		9.391 936		0.608 064	9.987 184		149	
852	9.379 151	31	9.391 969	33	0.608 031	9.987 182	2	148	
853	9.379 182	31	9.392 001	32	0.607 999	9.987 180	2	147	
		30		33			1		33
854	9.379 212		9.392 034		0.607 966	9.987 179		146	1 3.3
855	9.379 243	31	9.392 066	32	0.607 934	9.987 177	2	145	2 6.6
856	9.379 274	31	9.392 099	33	0.607 901	9.987 175	2	144	3 9.9
		31		33			2		4 13.2
857	9.379 305		9.392 132		0.607 868	9.987 173		143	5 16.5
858	9.379 335	30	9.392 164	32	0.607 836	9.987 171	2	142	6 19.8
859	9.379 366	31	9.392 197	33	0.607 803	9.987 169	2	141	7 23.1
		31		32			2		8 26.4
.860	9.379 397		9.392 229		0.607 771	9.987 167		.140	9 29.7
		30		33			2		
861	9.379 427		9.392 262		0.607 738	9.987 165		139	
862	9.379 458	31	9.392 295	33	0.607 705	9.987 164	1	138	
863	9.379 489	31	9.392 327	32	0.607 673	9.987 162	2	137	
		31		33			2		
864	9.379 520		9.392 360		0.607 640	9.987 160		136	
865	9.379 550	30	9.392 392	32	0.607 608	9.987 158	2	135	
866	9.379 581	31	9.392 425	33	0.607 575	9.987 156	2	134	32
		31		32			2		
867	9.379 612		9.392 457		0.607 543	9.987 154		133	1 3.2
868	9.379 642	30	9.392 490	33	0.607 510	9.987 152	2	132	2 6.4
869	9.379 673	31	9.392 523	33	0.607 477	9.987 150	2	131	3 9.6
		31		32			1		4 12.8
.870	9.379 704		9.392 555		0.607 445	9.987 149		.130	5 16.0
		31		33			2		6 19.2
871	9.379 735		9.392 588		0.607 412	9.987 147		129	7 22.4
872	9.379 765	30	9.392 620	32	0.607 380	9.987 145	2	128	8 25.6
873	9.379 796	31	9.392 653	33	0.607 347	9.987 143	2	127	9 28.8
		31		32			2		
874	9.379 827		9.392 685		0.607 315	9.987 141		126	
875	9.379 857	30	9.392 718	33	0.607 282	9.987 139	2	125	
876	9.379 888	31	9.392 751	33	0.607 249	9.987 137	2	124	
		31		32			1		
877	9.379 919		9.392 783		0.607 217	9.987 136		123	31
878	9.379 949	30	9.392 816	33	0.607 184	9.987 134	2	122	
879	9.379 980	31	9.392 848	32	0.607 152	9.987 132	2	121	1 3.1
		31		33			2		2 6.2
.880	9.380 011		9.392 881		0.607 119	9.987 130		.120	3 9.3
		30		32			2		4 12.4
881	9.380 041		9.392 913		0.607 087	9.987 128		119	5 15.5
882	9.380 072	31	9.392 946	33	0.607 054	9.987 126	2	118	6 18.6
883	9.380 103	31	9.392 978	32	0.607 022	9.987 124	2	117	7 21.7
		30		33			2		8 24.8
884	9.380 133		9.393 011		0.606 989	9.987 122		116	9 27.9
885	9.380 164	31	9.393 043	32	0.606 957	9.987 121	1	115	
886	9.380 195	31	9.393 076	33	0.606 924	9.987 119	2	114	
		30		33			2		
887	9.380 225		9.393 109		0.606 891	9.987 117		113	
888	9.380 256	31	9.393 141	32	0.606 859	9.987 115	2	112	
889	9.380 287	31	9.393 174	33	0.606 826	9.987 113	2	111	30
		30		32			2		
.890	9.380 317		9.393 206		0.606 794	9.987 111		.110	1 3.0
		31		33			2		2 6.0
891	9.380 348		9.393 239		0.606 761	9.987 109		109	3 9.0
892	9.380 379	31	9.393 271	32	0.606 729	9.987 107	2	108	4 12.0
893	9.380 409	30	9.393 304	33	0.606 696	9.987 106	1	107	5 15.0
		31		32			2		6 18.0
894	9.380 440		9.393 336		0.606 664	9.987 104		106	7 21.0
895	9.380 471	31	9.393 369	33	0.606 631	9.987 102	2	105	8 24.0
896	9.380 501	30	9.393 401	32	0.606 599	9.987 100	2	104	9 27.0
		31		33			2		
897	9.380 532		9.393 434		0.606 566	9.987 098		103	
898	9.380 562	30	9.393 466	32	0.606 534	9.987 096	2	102	
899	9.380 593	31	9.393 499	33	0.606 501	9.987 094	2	101	
		31		32			2		
.900	9.380 624		9.393 531		0.606 469	9.987 092		.100	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.150 — 76°.100

13°.900 — 13°.950

13°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.380 624		9.393 531		0.606 469	9.987 092		.100	
		30		33			1		
901	9.380 654		9.393 564		0.606 436	9.987 091		099	
902	9.380 685	31	9.393 596	32	0.606 404	9.987 089	2	098	
903	9.380 716	31	9.393 629	33	0.606 371	9.987 087	2	097	
		30		32			2		33
904	9.380 746		9.393 661		0.606 339	9.987 085		096	1 3.3
905	9.380 777	31	9.393 694	33	0.606 306	9.987 083	2	095	2 6.6
906	9.380 807	30	9.393 726	32	0.606 274	9.987 081	2	094	3 9.9
		31		33			2		4 13.2
907	9.380 838		9.393 759		0.606 241	9.987 079		093	5 16.5
908	9.380 869	31	9.393 791	32	0.606 209	9.987 077	2	092	6 19.8
909	9.380 899	30	9.393 824	33	0.606 176	9.987 076	1	091	7 23.1
		31		32			2		8 26.4
.910	9.380 930		9.393 856		0.606 144	9.987 074		.090	9 29.7
		30		33			2		
911	9.380 960		9.393 889		0.606 111	9.987 072		089	
912	9.380 991	31	9.393 921	32	0.606 079	9.987 070	2	088	
913	9.381 022	31	9.393 954	33	0.606 046	9.987 068	2	087	
		30		32			2		
914	9.381 052		9.393 986		0.606 014	9.987 066		086	
915	9.381 083	31	9.394 019	33	0.605 981	9.987 064	2	085	
916	9.381 113	30	9.394 051	32	0.605 949	9.987 062	2	084	32
		31		33			2		
917	9.381 144		9.394 084		0.605 916	9.987 060		083	1 3.2
918	9.381 175	31	9.394 116	32	0.605 884	9.987 059	1	082	2 6.4
919	9.381 205	30	9.394 148	32	0.605 852	9.987 057	2	081	3 9.6
		31		33			2		4 12.8
.920	9.381 236		9.394 181		0.605 819	9.987 055		.080	5 16.0
		30		32			2		6 19.2
921	9.381 266		9.394 213		0.605 787	9.987 053		079	7 22.4
922	9.381 297	31	9.394 246	33	0.605 754	9.987 051	2	078	8 25.6
923	9.381 328	31	9.394 278	32	0.605 722	9.987 049	2	077	9 28.8
		30		33			2		
924	9.381 358		9.394 311		0.605 689	9.987 047		076	
925	9.381 389	31	9.394 343	32	0.605 657	9.987 045	2	075	
926	9.381 419	30	9.394 376	33	0.605 624	9.987 044	1	074	
		31		32			2		
927	9.381 450		9.394 408		0.605 592	9.987 042		073	31
928	9.381 480	30	9.394 441	33	0.605 559	9.987 040	2	072	
929	9.381 511	31	9.394 473	32	0.605 527	9.987 038	2	071	1 3.1
		31		32			2		2 6.2
.930	9.381 542		9.394 505		0.605 495	9.987 036		.070	3 9.3
		30		33			2		4 12.4
931	9.381 572		9.394 538		0.605 462	9.987 034		069	5 15.5
932	9.381 603	31	9.394 570	32	0.605 430	9.987 032	2	068	6 18.6
933	9.381 633	30	9.394 603	33	0.605 397	9.987 030	2	067	7 21.7
		31		32			1		8 24.8
934	9.381 664		9.394 635		0.605 365	9.987 029		066	9 27.9
935	9.381 694	30	9.394 668	33	0.605 332	9.987 027	2	065	
936	9.381 725	31	9.394 700	32	0.605 300	9.987 025	2	064	
		30		33			2		
937	9.381 755		9.394 733		0.605 267	9.987 023		063	
938	9.381 786	31	9.394 765	32	0.605 235	9.987 021	2	062	
939	9.381 816	30	9.394 797	32	0.605 203	9.987 019	2	061	30
		31		33			2		
.940	9.381 847		9.394 830		0.605 170	9.987 017		.060	1 3.0
		31		32			2		2 6.0
941	9.381 878		9.394 862		0.605 138	9.987 015		059	3 9.0
942	9.381 908	30	9.394 895	33	0.605 105	9.987 013	2	058	4 12.0
943	9.381 939	31	9.394 927	32	0.605 073	9.987 012	1	057	5 15.0
		30		32			2		6 18.0
944	9.381 969		9.394 959		0.605 041	9.987 010		056	7 21.0
945	9.382 000	31	9.394 992	33	0.605 008	9.987 008	2	055	8 24.0
946	9.382 030	30	9.395 024	32	0.604 976	9.987 006	2	054	9 27.0
		31		33			2		
947	9.382 061		9.395 057		0.604 943	9.987 004		053	
948	9.382 091	30	9.395 089	32	0.604 911	9.987 002	2	052	
949	9.382 122	31	9.395 121	32	0.604 879	9.987 000	2	051	
		30		33			2		
.950	9.382 152		9.395 154		0.604 846	9.986 998		.050	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.100 — 76°.050

13°.950 — 14°.000

13°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.382 152		9.395 154		0.604 846	9.986 998		.050	
		31		32			1		
951	9.382 183		9.395 186		0.604 814	9.986 997		049	
952	9.382 213	30	9.395 219	33	0.604 781	9.986 995	2	048	
953	9.382 244	31	9.395 251	32	0.604 749	9.986 993	2	047	
		30		32			2		
954	9.382 274		9.395 283		0.604 717	9.986 991		046	
955	9.382 305	31	9.395 316	33	0.604 684	9.986 989	2	045	
956	9.382 335	30	9.395 348	32	0.604 652	9.986 987	2	044	
		31		33			2		
957	9.382 366		9.395 381		0.604 619	9.986 985		043	
958	9.382 396	30	9.395 413	32	0.604 587	9.986 983	2	042	
959	9.382 427	31	9.395 445	32	0.604 555	9.986 981	2	041	
		30		33			1		
.960	9.382 457		9.395 478		0.604 522	9.986 980		.040	
		31		32			2		
961	9.382 488		9.395 510		0.604 490	9.986 978		039	
962	9.382 518	30	9.395 542	32	0.604 458	9.986 976	2	038	
963	9.382 549	31	9.395 575	33	0.604 425	9.986 974	2	037	
		30		32			2		
964	9.382 579		9.395 607		0.604 393	9.986 972		036	
965	9.382 610	31	9.395 640	33	0.604 360	9.986 970	2	035	
966	9.382 640	30	9.395 672	32	0.604 328	9.986 968	2	034	
		31		32			2		
967	9.382 671		9.395 704		0.604 296	9.986 966		033	
968	9.382 701	30	9.395 737	33	0.604 263	9.986 965	1	032	
969	9.382 732	31	9.395 769	32	0.604 231	9.986 963	2	031	
		30		32			2		
.970	9.382 762		9.395 801		0.604 199	9.986 961		.030	
		31		33			2		
971	9.382 793		9.395 834		0.604 166	9.986 959		029	
972	9.382 823	30	9.395 866	32	0.604 134	9.986 957	2	028	
973	9.382 854	31	9.395 898	32	0.604 102	9.986 955	2	027	
		30		33			2		
974	9.382 884		9.395 931		0.604 069	9.986 953		026	
975	9.382 914	30	9.395 963	32	0.604 037	9.986 951	2	025	
976	9.382 945	31	9.395 995	32	0.604 005	9.986 949	2	024	
		30		33			1		
977	9.382 975		9.396 028		0.603 972	9.986 948		023	
978	9.383 006	31	9.396 060	32	0.603 940	9.986 946	2	022	
979	9.383 036	30	9.396 092	32	0.603 908	9.986 944	2	021	
		31		33			2		
.980	9.383 067		9.396 125		0.603 875	9.986 942		.020	
		30		32			2		
981	9.383 097		9.396 157		0.603 843	9.986 940		019	
982	9.383 128	31	9.396 189	32	0.603 811	9.986 938	2	018	
983	9.383 158	30	9.396 222	33	0.603 778	9.986 936	2	017	
		30		32			2		
984	9.383 188		9.396 254		0.603 746	9.986 934		016	
985	9.383 219	31	9.396 286	32	0.603 714	9.986 932	2	015	
986	9.383 249	30	9.396 319	33	0.603 681	9.986 931	1	014	
		31		32			2		
987	9.383 280		9.396 351		0.603 649	9.986 929		013	
988	9.383 310	30	9.396 383	32	0.603 617	9.986 927	2	012	
989	9.383 341	31	9.396 416	33	0.603 584	9.986 925	2	011	
		30		32			2		
.990	9.383 371		9.396 448		0.603 552	9.986 923		.010	
		30		32			2		
991	9.383 401		9.396 480		0.603 520	9.986 921		009	
992	9.383 432	31	9.396 513	33	0.603 487	9.986 919	2	008	
993	9.383 462	30	9.396 545	32	0.603 455	9.986 917	2	007	
		31		32			2		
994	9.383 493		9.396 577		0.603 423	9.986 915		006	
995	9.383 523	30	9.396 610	33	0.603 390	9.986 914	1	005	
996	9.383 554	31	9.396 642	32	0.603 358	9.986 912	2	004	
		30		32			2		
997	9.383 584		9.396 674		0.603 326	9.986 910		003	
998	9.383 614	30	9.396 706	32	0.603 294	9.986 908	2	002	
999	9.383 645	31	9.396 739	33	0.603 261	9.986 906	2	001	
		30		32			2		
*000	9.383 675		9.396 771		0.603 229	9.986 904		.000	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

76°.050 — 76°.000

14°.000 — 14°.050

14°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.383 675		9.396 771		0.603 229	9.986 904		*000	
		31		32			2		
001	9.383 706		9.396 803		0.603 197	9.986 902		999	
002	9.383 736	30	9.396 836	33	0.603 164	9.986 900	2	998	
003	9.383 766	30	9.396 868	32	0.603 132	9.986 898	2	997	
		31		32			1		
004	9.383 797		9.396 900		0.603 100	9.986 897		996	
005	9.383 827	30	9.396 932	32	0.603 068	9.986 895	2	995	
006	9.383 858	31	9.396 965	33	0.603 035	9.986 893	2	994	
		30		32			2		
007	9.383 888		9.396 997		0.603 003	9.986 891		993	
008	9.383 918	30	9.397 029	32	0.602 971	9.986 889	2	992	
009	9.383 949	31	9.397 062	33	0.602 938	9.986 887	2	991	
		30		32			2		
.010	9.383 979		9.397 094		0.602 906	9.986 885		.990	
		30		32			2		
011	9.384 009		9.397 126		0.602 874	9.986 883		989	
012	9.384 040	31	9.397 158	32	0.602 842	9.986 881	2	988	
013	9.384 070	30	9.397 191	33	0.602 809	9.986 880	1	987	
		31		32			2		
014	9.384 101		9.397 223		0.602 777	9.986 878		986	
015	9.384 131	30	9.397 255	32	0.602 745	9.986 876	2	985	
016	9.384 161	30	9.397 287	32	0.602 713	9.986 874	2	984	
		31		33			2		
017	9.384 192		9.397 320		0.602 680	9.986 872		983	
018	9.384 222	30	9.397 352	32	0.602 648	9.986 870	2	982	
019	9.384 252	30	9.397 384	32	0.602 616	9.986 868	2	981	
		31		32			2		
.020	9.384 283		9.397 416		0.602 584	9.986 866		.980	
		30		33			2		
021	9.384 313		9.397 449		0.602 551	9.986 864		979	
022	9.384 343	30	9.397 481	32	0.602 519	9.986 863	1	978	
023	9.384 374	31	9.397 513	32	0.602 487	9.986 861	2	977	
		30		32			2		
024	9.384 404		9.397 545		0.602 455	9.986 859		976	
025	9.384 435	31	9.397 578	33	0.602 422	9.986 857	2	975	
026	9.384 465	30	9.397 610	32	0.602 390	9.986 855	2	974	
		30		32			2		
027	9.384 495		9.397 642		0.602 358	9.986 853		973	
028	9.384 526	31	9.397 674	32	0.602 326	9.986 851	2	972	
029	9.384 556	30	9.397 707	33	0.602 293	9.986 849	2	971	
		30		32			2		
.030	9.384 586		9.397 739		0.602 261	9.986 847		.970	
		31		32			2		
031	9.384 617		9.397 771		0.602 229	9.986 845		969	
032	9.384 647	30	9.397 803	32	0.602 197	9.986 844	1	968	
033	9.384 677	30	9.397 836	33	0.602 164	9.986 842	2	967	
		31		32			2		
034	9.384 708		9.397 868		0.602 132	9.986 840		966	
035	9.384 738	30	9.397 900	32	0.602 100	9.986 838	2	965	
036	9.384 768	30	9.397 932	32	0.602 068	9.986 836	2	964	
		30		32			2		
037	9.384 798		9.397 964		0.602 036	9.986 834		963	
038	9.384 829	31	9.397 997	33	0.602 003	9.986 832	2	962	
039	9.384 859	30	9.398 029	32	0.601 971	9.986 830	2	961	
		30		32			2		
.040	9.384 889		9.398 061		0.601 939	9.986 828		.960	
		31		32			1		
041	9.384 920		9.398 093		0.601 907	9.986 827		959	
042	9.384 950	30	9.398 125	32	0.601 875	9.986 825	2	958	
043	9.384 980	30	9.398 158	33	0.601 842	9.986 823	2	957	
		31		32			2		
044	9.385 011		9.398 190		0.601 810	9.986 821		956	
045	9.385 041	30	9.398 222	32	0.601 778	9.986 819	2	955	
046	9.385 071	30	9.398 254	32	0.601 746	9.986 817	2	954	
		31		32			2		
047	9.385 102		9.398 286		0.601 714	9.986 815		953	
048	9.385 132	30	9.398 319	33	0.601 681	9.986 813	2	952	
049	9.385 162	30	9.398 351	32	0.601 649	9.986 811	2	951	
		30		32			2		
.050	9.385 192		9.398 383		0.601 617	9.986 809		.950	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

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1	3.3
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5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

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1	3.2
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3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

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1	3.1
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4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

76°.000 — 75°.950

14°.050 — 14°.100

14°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.385 192		9.398 383		0.601 617	9.986 809		.950	
		31		32			1		
051	9.385 223		9.398 415		0.601 585	9.986 808		949	
052	9.385 253	30	9.398 447	32	0.601 553	9.986 806	2	948	
053	9.385 283	30	9.398 480	33	0.601 520	9.986 804	2	947	
		31		32			2		
054	9.385 314		9.398 512		0.601 488	9.986 802		946	
055	9.385 344	30	9.398 544	32	0.601 456	9.986 800	2	945	
056	9.385 374	30	9.398 576	32	0.601 424	9.986 798	2	944	
		30		32			2		
057	9.385 404		9.398 608		0.601 392	9.986 796		943	
058	9.385 435	31	9.398 640	32	0.601 360	9.986 794	2	942	
059	9.385 465	30	9.398 673	33	0.601 327	9.986 792	2	941	
		30		32			2		
.060	9.385 495		9.398 705		0.601 295	9.986 790		.940	
		30		32			1		
061	9.385 525		9.398 737		0.601 263	9.986 789		939	
062	9.385 556	31	9.398 769	32	0.601 231	9.986 787	2	938	
063	9.385 586	30	9.398 801	32	0.601 199	9.986 785	2	937	
		30		32			2		
064	9.385 616		9.398 833		0.601 167	9.986 783		936	
065	9.385 646	30	9.398 866	33	0.601 134	9.986 781	2	935	
066	9.385 677	31	9.398 898	32	0.601 102	9.986 779	2	934	
		30		32			2		
067	9.385 707		9.398 930		0.601 070	9.986 777		933	
068	9.385 737	30	9.398 962	32	0.601 038	9.986 775	2	932	
069	9.385 767	30	9.398 994	32	0.601 006	9.986 773	2	931	
		31		32			2		
.070	9.385 798		9.399 026		0.600 974	9.986 771		.930	
		30		32			1		
071	9.385 828		9.399 058		0.600 942	9.986 770		929	
072	9.385 858	30	9.399 091	33	0.600 909	9.986 768	2	928	
073	9.385 888	30	9.399 123	32	0.600 877	9.986 766	2	927	
		31		32			2		
074	9.385 919		9.399 155		0.600 845	9.986 764		926	
075	9.385 949	30	9.399 187	32	0.600 813	9.986 762	2	925	
076	9.385 979	30	9.399 219	32	0.600 781	9.986 760	2	924	
		30		32			2		
077	9.386 009		9.399 251		0.600 749	9.986 758		923	
078	9.386 040	31	9.399 283	32	0.600 717	9.986 756	2	922	
079	9.386 070	30	9.399 315	32	0.600 685	9.986 754	2	921	
		30		33			2		
.080	9.386 100		9.399 348		0.600 652	9.986 752		.920	
		30		32			1		
081	9.386 130		9.399 380		0.600 620	9.986 751		919	
082	9.386 161	31	9.399 412	32	0.600 588	9.986 749	2	918	
083	9.386 191	30	9.399 444	32	0.600 556	9.986 747	2	917	
		30		32			2		
084	9.386 221		9.399 476		0.600 524	9.986 745		916	
085	9.386 251	30	9.399 508	32	0.600 492	9.986 743	2	915	
086	9.386 281	30	9.399 540	32	0.600 460	9.986 741	2	914	
		31		32			2		
087	9.386 312		9.399 572		0.600 428	9.986 739		913	
088	9.386 342	30	9.399 604	32	0.600 396	9.986 737	2	912	
089	9.386 372	30	9.399 637	33	0.600 363	9.986 735	2	911	
		30		32			2		
.090	9.386 402		9.399 669		0.600 331	9.986 733		.910	
		30		32			1		
091	9.386 432		9.399 701		0.600 299	9.986 732		909	
092	9.386 463	31	9.399 733	32	0.600 267	9.986 730	2	908	
093	9.386 493	30	9.399 765	32	0.600 235	9.986 728	2	907	
		30		32			2		
094	9.386 523		9.399 797		0.600 203	9.986 726		906	
095	9.386 553	30	9.399 829	32	0.600 171	9.986 724	2	905	
096	9.386 583	30	9.399 861	32	0.600 139	9.986 722	2	904	
		31		32			2		
097	9.386 614		9.399 893		0.600 107	9.986 720		903	
098	9.386 644	30	9.399 925	32	0.600 075	9.986 718	2	902	
099	9.386 674	30	9.399 958	33	0.600 042	9.986 716	2	901	
		30		32			2		
.100	9.386 704		9.399 990		0.600 010	9.986 714		.900	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

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2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

75°.950 — 75°.900

14°.100 — 14°.150

14°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.386 704		9.399 990		0.600 010	9.986 714		.900	
		30		32			1		
101	9.386 734		9.400 022		0.599 978	9.986 713		899	
102	9.386 764	30	9.400 054	32	0.599 946	9.986 711	2	898	
103	9.386 795	31	9.400 086	32	0.599 914	9.986 709	2	897	
		30		32			2		
104	9.386 825		9.400 118		0.599 882	9.986 707		896	
105	9.386 855	30	9.400 150	32	0.599 850	9.986 705	2	895	
106	9.386 885	30	9.400 182	32	0.599 818	9.986 703	2	894	
		30		32			2		
107	9.386 915		9.400 214		0.599 786	9.986 701		893	
108	9.386 945	30	9.400 246	32	0.599 754	9.986 699	2	892	
109	9.386 976	31	9.400 278	32	0.599 722	9.986 697	2	891	
		30		32			2		
.110	9.387 006		9.400 310		0.599 690	9.986 695		.890	
		30		32			2		
111	9.387 036		9.400 342		0.599 658	9.986 693		889	
112	9.387 066	30	9.400 374	32	0.599 626	9.986 692	1	888	
113	9.387 096	30	9.400 406	32	0.599 594	9.986 690	2	887	
		30		33			2		
114	9.387 126		9.400 439		0.599 561	9.986 688		886	
115	9.387 156	30	9.400 471	32	0.599 529	9.986 686	2	885	
116	9.387 187	31	9.400 503	32	0.599 497	9.986 684	2	884	
		30		32			2		
117	9.387 217		9.400 535		0.599 465	9.986 682		883	
118	9.387 247	30	9.400 567	32	0.599 433	9.986 680	2	882	
119	9.387 277	30	9.400 599	32	0.599 401	9.986 678	2	881	
		30		32			2		
.120	9.387 307		9.400 631		0.599 369	9.986 676		.880	
		30		32			2		
121	9.387 337		9.400 663		0.599 337	9.986 674		879	
122	9.387 367	30	9.400 695	32	0.599 305	9.986 673	1	878	
123	9.387 398	31	9.400 727	32	0.599 273	9.986 671	2	877	
		30		32			2		
124	9.387 428		9.400 759		0.599 241	9.986 669		876	
125	9.387 458	30	9.400 791	32	0.599 209	9.986 667	2	875	
126	9.387 488	30	9.400 823	32	0.599 177	9.986 665	2	874	
		30		32			2		
127	9.387 518		9.400 855		0.599 145	9.986 663		873	
128	9.387 548	30	9.400 887	32	0.599 113	9.986 661	2	872	
129	9.387 578	30	9.400 919	32	0.599 081	9.986 659	2	871	
		30		32			2		
.130	9.387 608		9.400 951		0.599 049	9.986 657		.870	
		30		32			2		
131	9.387 638		9.400 983		0.599 017	9.986 655		869	
132	9.387 669	31	9.401 015	32	0.598 985	9.986 653	2	868	
133	9.387 699	30	9.401 047	32	0.598 953	9.986 652	1	867	
		30		32			2		
134	9.387 729		9.401 079		0.598 921	9.986 650		866	
135	9.387 759	30	9.401 111	32	0.598 889	9.986 648	2	865	
136	9.387 789	30	9.401 143	32	0.598 857	9.986 646	2	864	
		30		32			2		
137	9.387 819		9.401 175		0.598 825	9.986 644		863	
138	9.387 849	30	9.401 207	32	0.598 793	9.986 642	2	862	
139	9.387 879	30	9.401 239	32	0.598 761	9.986 640	2	861	
		30		32			2		
.140	9.387 909		9.401 271		0.598 729	9.986 638		.860	
		30		32			2		
141	9.387 939		9.401 303		0.598 697	9.986 636		859	
142	9.387 970	31	9.401 335	32	0.598 665	9.986 634	2	858	
143	9.388 000	30	9.401 367	32	0.598 633	9.986 632	2	857	
		30		32			1		
144	9.388 030		9.401 399		0.598 601	9.986 631		856	
145	9.388 060	30	9.401 431	32	0.598 569	9.986 629	2	855	
146	9.388 090	30	9.401 463	32	0.598 537	9.986 627	2	854	
		30		32			2		
147	9.388 120		9.401 495		0.598 505	9.986 625		853	
148	9.388 150	30	9.401 527	32	0.598 473	9.986 623	2	852	
149	9.388 180	30	9.401 559	32	0.598 441	9.986 621	2	851	
		30		32			2		
.150	9.388 210		9.401 591		0.598 409	9.986 619		.850	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

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1	3.3
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8	26.4
9	29.7

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4	12.8
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7	22.4
8	25.6
9	28.8

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5	15.5
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7	21.7
8	24.8
9	27.9

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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

75°.900 — 75°.850

14°.150 — 14°.200

14°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.388 210		9.401 591		0.598 409	9.986 619		.850	
		30		32			2		
151	9.388 240		9.401 623		0.598 377	9.986 617		849	
152	9.388 270	30	9.401 655	32	0.598 345	9.986 615	2	848	
153	9.388 300	30	9.401 687	32	0.598 313	9.986 613	2	847	
		30		32			2		
154	9.388 330		9.401 719		0.598 281	9.986 611		846	
155	9.388 360	30	9.401 751	32	0.598 249	9.986 609	2	845	
156	9.388 390	30	9.401 783	32	0.598 217	9.986 608	1	844	
		31		32			2		
157	9.388 421		9.401 815		0.598 185	9.986 606		843	
158	9.388 451	30	9.401 847	32	0.598 153	9.986 604	2	842	
159	9.388 481	30	9.401 879	32	0.598 121	9.986 602	2	841	
		30		32			2		
.160	9.388 511		9.401 911		0.598 089	9.986 600		.840	
		30		32			2		
161	9.388 541		9.401 943		0.598 057	9.986 598		839	
162	9.388 571	30	9.401 975	32	0.598 025	9.986 596	2	838	
163	9.388 601	30	9.402 007	32	0.597 993	9.986 594	2	837	
		30		32			2		
164	9.388 631		9.402 039		0.597 961	9.986 592		836	
165	9.388 661	30	9.402 070	31	0.597 930	9.986 590	2	835	
166	9.388 691	30	9.402 102	32	0.597 898	9.986 588	2	834	
		30		32			1		
167	9.388 721		9.402 134		0.597 866	9.986 587		833	
168	9.388 751	30	9.402 166	32	0.597 834	9.986 585	2	832	
169	9.388 781	30	9.402 198	32	0.597 802	9.986 583	2	831	
		30		32			2		
.170	9.388 811		9.402 230		0.597 770	9.986 581		.830	
		30		32			2		
171	9.388 841		9.402 262		0.597 738	9.986 579		829	
172	9.388 871	30	9.402 294	32	0.597 706	9.986 577	2	828	
173	9.388 901	30	9.402 326	32	0.597 674	9.986 575	2	827	
		30		32			2		
174	9.388 931		9.402 358		0.597 642	9.986 573		826	
175	9.388 961	30	9.402 390	32	0.597 610	9.986 571	2	825	
176	9.388 991	30	9.402 422	32	0.597 578	9.986 569	2	824	
		30		32			2		
177	9.389 021		9.402 454		0.597 546	9.986 567		823	
178	9.389 051	30	9.402 486	32	0.597 514	9.986 565	2	822	
179	9.389 081	30	9.402 517	31	0.597 483	9.986 564	1	821	
		30		32			2		
.180	9.389 111		9.402 549		0.597 451	9.986 562		.820	
		30		32			2		
181	9.389 141		9.402 581		0.597 419	9.986 560		819	
182	9.389 171	30	9.402 613	32	0.597 387	9.986 558	2	818	
183	9.389 201	30	9.402 645	32	0.597 355	9.986 556	2	817	
		30		32			2		
184	9.389 231		9.402 677		0.597 323	9.986 554		816	
185	9.389 261	30	9.402 709	32	0.597 291	9.986 552	2	815	
186	9.389 291	30	9.402 741	32	0.597 259	9.986 550	2	814	
		30		32			2		
187	9.389 321		9.402 773		0.597 227	9.986 548		813	
188	9.389 351	30	9.402 805	32	0.597 195	9.986 546	2	812	
189	9.389 381	30	9.402 837	32	0.597 163	9.986 544	2	811	
		30		31			1		
.190	9.389 411		9.402 868		0.597 132	9.986 543		.810	
		30		32			2		
191	9.389 441		9.402 900		0.597 100	9.986 541		809	
192	9.389 471	30	9.402 932	32	0.597 068	9.986 539	2	808	
193	9.389 501	30	9.402 964	32	0.597 036	9.986 537	2	807	
		30		32			2		
194	9.389 531		9.402 996		0.597 004	9.986 535		806	
195	9.389 561	30	9.403 028	32	0.596 972	9.986 533	2	805	
196	9.389 591	30	9.403 060	32	0.596 940	9.986 531	2	804	
		30		32			2		
197	9.389 621		9.403 092		0.596 908	9.986 529		803	
198	9.389 651	30	9.403 124	32	0.596 876	9.986 527	2	802	
199	9.389 681	30	9.403 155	31	0.596 845	9.986 525	2	801	
		30		32			2		
.200	9.389 711		9.403 187		0.596 813	9.986 523		.800	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

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3	9.0
4	12.0
5	15.0
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7	21.0
8	24.0
9	27.0

75°.850 — 75°.800

14°.200 — 14°.250

14°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.389 711		9.403 187		0.596 813	9.986 523		.800	
		30		32			2		
201	9.389 741		9.403 219		0.596 781	9.986 521		799	
202	9.389 771	30	9.403 251	32	0.596 749	9.986 519	2	798	
203	9.389 800	29	9.403 283	32	0.596 717	9.986 518	1	797	
		30		32			2		
204	9.389 830		9.403 315		0.596 685	9.986 516		796	
205	9.389 860	30	9.403 347	32	0.596 653	9.986 514	2	795	
206	9.389 890	30	9.403 378	31	0.596 622	9.986 512	2	794	
		30		32			2		
207	9.389 920		9.403 410		0.596 590	9.986 510		793	
208	9.389 950	30	9.403 442	32	0.596 558	9.986 508	2	792	
209	9.389 980	30	9.403 474	32	0.596 526	9.986 506	2	791	
		30		32			2		
.210	9.390 010		9.403 506		0.596 494	9.986 504		.790	
		30		32			2		
211	9.390 040		9.403 538		0.596 462	9.986 502		789	
212	9.390 070	30	9.403 570	32	0.596 430	9.986 500	2	788	
213	9.390 100	30	9.403 601	31	0.596 399	9.986 498	2	787	
		30		32			2		
214	9.390 130		9.403 633		0.596 367	9.986 496		786	
215	9.390 160	30	9.403 665	32	0.596 335	9.986 495	1	785	
216	9.390 190	30	9.403 697	32	0.596 303	9.986 493	2	784	
		30		32			2		
217	9.390 220		9.403 729		0.596 271	9.986 491		783	
218	9.390 249	29	9.403 761	32	0.596 239	9.986 489	2	782	
219	9.390 279	30	9.403 793	32	0.596 207	9.986 487	2	781	
		30		31			2		
.220	9.390 309		9.403 824		0.596 176	9.986 485		.780	
		30		32			2		
221	9.390 339		9.403 856		0.596 144	9.986 483		779	
222	9.390 369	30	9.403 888	32	0.596 112	9.986 481	2	778	
223	9.390 399	30	9.403 920	32	0.596 080	9.986 479	2	777	
		30		32			2		
224	9.390 429		9.403 952		0.596 048	9.986 477		776	
225	9.390 459	30	9.403 983	31	0.596 017	9.986 475	2	775	
226	9.390 489	30	9.404 015	32	0.595 985	9.986 473	2	774	
		30		32			2		
227	9.390 519		9.404 047		0.595 953	9.986 471		773	
228	9.390 549	30	9.404 079	32	0.595 921	9.986 470	1	772	
229	9.390 578	29	9.404 111	32	0.595 889	9.986 468	2	771	
		30		32			2		
.230	9.390 608		9.404 143		0.595 857	9.986 466		.770	
		30		31			2		
231	9.390 638		9.404 174		0.595 826	9.986 464		769	
232	9.390 668	30	9.404 206	32	0.595 794	9.986 462	2	768	
233	9.390 698	30	9.404 238	32	0.595 762	9.986 460	2	767	
		30		32			2		
234	9.390 728		9.404 270		0.595 730	9.986 458		766	
235	9.390 758	30	9.404 302	32	0.595 698	9.986 456	2	765	
236	9.390 788	30	9.404 333	31	0.595 667	9.986 454	2	764	
		29		32			2		
237	9.390 817		9.404 365		0.595 635	9.986 452		763	
238	9.390 847	30	9.404 397	32	0.595 603	9.986 450	2	762	
239	9.390 877	30	9.404 429	32	0.595 571	9.986 448	2	761	
		30		32			2		
.240	9.390 907		9.404 461		0.595 539	9.986 446		.760	
		30		31			1		
241	9.390 937		9.404 492		0.595 508	9.986 445		759	
242	9.390 967	30	9.404 524	32	0.595 476	9.986 443	2	758	
243	9.390 997	30	9.404 556	32	0.595 444	9.986 441	2	757	
		30		32			2		
244	9.391 027		9.404 588		0.595 412	9.986 439		756	
245	9.391 056	29	9.404 620	32	0.595 380	9.986 437	2	755	
246	9.391 086	30	9.404 651	31	0.595 349	9.986 435	2	754	
		30		32			2		
247	9.391 116		9.404 683		0.595 317	9.986 433		753	
248	9.391 146	30	9.404 715	32	0.595 285	9.986 431	2	752	
249	9.391 176	30	9.404 747	32	0.595 253	9.986 429	2	751	
		30		31			2		
.250	9.391 206		9.404 778		0.595 222	9.986 427		.750	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

75°.800 — 75°.750

$14^\circ.250 - 14^\circ.300$

14°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.391 206		9.404 778		0.595 222	9.986 427		.750	
		29		32			2		
251	9.391 235		9.404 810		0.595 190	9.986 425		749	
252	9.391 265	30	9.404 842	32	0.595 158	9.986 423	2	748	
253	9.391 295	30	9.404 874	32	0.595 126	9.986 421	2	747	
		30		31			1		32
254	9.391 325		9.404 905		0.595 095	9.986 420		746	1 3.2
255	9.391 355	30	9.404 937	32	0.595 063	9.986 418	2	745	2 6.4
256	9.391 385	30	9.404 969	32	0.595 031	9.986 416	2	744	3 9.6
		30		32			2		4 12.8
257	9.391 415		9.405 001		0.594 999	9.986 414		743	5 16.0
258	9.391 444	29	9.405 032	31	0.594 968	9.986 412	2	742	6 19.2
259	9.391 474	30	9.405 064	32	0.594 936	9.986 410	2	741	7 22.4
		30		32			2		8 25.6
.260	9.391 504		9.405 096		0.594 904	9.986 408		.740	9 28.8
		30		32			2		
261	9.391 534		9.405 128		0.594 872	9.986 406		739	
262	9.391 564	30	9.405 159	31	0.594 841	9.986 404	2	738	
263	9.391 593	29	9.405 191	32	0.594 809	9.986 402	2	737	
		30		32			2		
264	9.391 623		9.405 223		0.594 777	9.986 400		736	
265	9.391 653	30	9.405 255	32	0.594 745	9.986 398	2	735	
266	9.391 683	30	9.405 286	31	0.594 714	9.986 396	2	734	31
		30		32			1		
267	9.391 713		9.405 318		0.594 682	9.986 395		733	1 3.1
268	9.391 743	30	9.405 350	32	0.594 650	9.986 393	2	732	2 6.2
269	9.391 772	29	9.405 382	32	0.594 618	9.986 391	2	731	3 9.3
		30		31			2		4 12.4
.270	9.391 802		9.405 413		0.594 587	9.986 389		.730	5 15.5
		30		32			2		6 18.6
271	9.391 832		9.405 445		0.594 555	9.986 387		729	7 21.7
272	9.391 862	30	9.405 477	32	0.594 523	9.986 385	2	728	8 24.8
273	9.391 892	30	9.405 509	32	0.594 491	9.986 383	2	727	9 27.9
		29		31			2		
274	9.391 921		9.405 540		0.594 460	9.986 381		726	
275	9.391 951	30	9.405 572	32	0.594 428	9.986 379	2	725	
276	9.391 981	30	9.405 604	32	0.594 396	9.986 377	2	724	
		30		31			2		
277	9.392 011		9.405 635		0.594 365	9.986 375		723	30
278	9.392 040	29	9.405 667	32	0.594 333	9.986 373	2	722	
279	9.392 070	30	9.405 699	32	0.594 301	9.986 371	2	721	1 3.0
		30		32			2		2 6.0
.280	9.392 100		9.405 731		0.594 269	9.986 369		.720	3 9.0
		30		31			1		4 12.0
281	9.392 130		9.405 762		0.594 238	9.986 368		719	5 15.0
282	9.392 160	30	9.405 794	32	0.594 206	9.986 366	2	718	6 18.0
283	9.392 189	29	9.405 826	32	0.594 174	9.986 364	2	717	7 21.0
		30		31			2		8 24.0
284	9.392 219		9.405 857		0.594 143	9.986 362		716	9 27.0
285	9.392 249	30	9.405 889	32	0.594 111	9.986 360	2	715	
286	9.392 279	30	9.405 921	32	0.594 079	9.986 358	2	714	
		29		32			2		
287	9.392 308		9.405 953		0.594 047	9.986 356		713	
288	9.392 338	30	9.405 984	31	0.594 016	9.986 354	2	712	
289	9.392 368	30	9.406 016	32	0.593 984	9.986 352	2	711	29
		30		32			2		
.290	9.392 398		9.406 048		0.593 952	9.986 350		.710	1 2.9
		29		31			2		2 5.8
291	9.392 427		9.406 079		0.593 921	9.986 348		709	3 8.7
292	9.392 457	30	9.406 111	32	0.593 889	9.986 346	2	708	4 11.6
293	9.392 487	30	9.406 143	32	0.593 857	9.986 344	2	707	5 14.5
		30		31			2		6 17.4
294	9.392 517		9.406 174		0.593 826	9.986 342		706	7 20.3
295	9.392 547	30	9.406 206	32	0.593 794	9.986 340	2	705	8 23.2
296	9.392 576	29	9.406 238	32	0.593 762	9.986 339	1	704	9 26.1
		30		31			2		
297	9.392 606		9.406 269		0.593 731	9.986 337		703	
298	9.392 636	30	9.406 301	32	0.593 699	9.986 335	2	702	
299	9.392 665	29	9.406 333	32	0.593 667	9.986 333	2	701	
		30		31			2		
.300	9.392 695		9.406 364		0.593 636	9.986 331		.700	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

$75^\circ.750 - 75^\circ.700$

14°.300 — 14°.350

14°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.392 695		9.406 364		0.593 636	9.986 331		.700	
		30		32			2		
301	9.392 725		9.406 396		0.593 604	9.986 329		699	
302	9.392 755	30	9.406 428	32	0.593 572	9.986 327	2	698	
303	9.392 784	29	9.406 459	31	0.593 541	9.986 325	2	697	
		30		32			2		
304	9.392 814		9.406 491		0.593 509	9.986 323		696	
305	9.392 844	30	9.406 523	32	0.593 477	9.986 321	2	695	
306	9.392 874	30	9.406 554	31	0.593 446	9.986 319	2	694	
		29		32			2		
307	9.392 903		9.406 586		0.593 414	9.986 317		693	
308	9.392 933	30	9.406 618	32	0.593 382	9.986 315	2	692	
309	9.392 963	30	9.406 649	31	0.593 351	9.986 313	2	691	
		29		32			2		
.310	9.392 992		9.406 681		0.593 319	9.986 311		.690	
		30		32			1		
311	9.393 022		9.406 713		0.593 287	9.986 310		689	
312	9.393 052	30	9.406 744	31	0.593 256	9.986 308	2	688	
313	9.393 082	30	9.406 776	32	0.593 224	9.986 306	2	687	
		29		32			2		
314	9.393 111		9.406 808		0.593 192	9.986 304		686	
315	9.393 141	30	9.406 839	31	0.593 161	9.986 302	2	685	
316	9.393 171	30	9.406 871	32	0.593 129	9.986 300	2	684	
		29		31			2		
317	9.393 200		9.406 902		0.593 098	9.986 298		683	
318	9.393 230	30	9.406 934	32	0.593 066	9.986 296	2	682	
319	9.393 260	30	9.406 966	32	0.593 034	9.986 294	2	681	
		30		31			2		
.320	9.393 290		9.406 997		0.593 003	9.986 292		.680	
		29		32			2		
321	9.393 319		9.407 029		0.592 971	9.986 290		679	
322	9.393 349	30	9.407 061	32	0.592 939	9.986 288	2	678	
323	9.393 379	30	9.407 092	31	0.592 908	9.986 286	2	677	
		29		32			2		
324	9.393 408		9.407 124		0.592 876	9.986 284		676	
325	9.393 438	30	9.407 155	31	0.592 845	9.986 282	2	675	
326	9.393 468	30	9.407 187	32	0.592 813	9.986 281	1	674	
		29		32			2		
327	9.393 497		9.407 219		0.592 781	9.986 279		673	
328	9.393 527	30	9.407 250	31	0.592 750	9.986 277	2	672	
329	9.393 557	30	9.407 282	32	0.592 718	9.986 275	2	671	
		29		32			2		
.330	9.393 586		9.407 314		0.592 686	9.986 273		.670	
		30		31			2		
331	9.393 616		9.407 345		0.592 655	9.986 271		669	
332	9.393 646	30	9.407 377	32	0.592 623	9.986 269	2	668	
333	9.393 675	29	9.407 408	31	0.592 592	9.986 267	2	667	
		30		32			2		
334	9.393 705		9.407 440		0.592 560	9.986 265		666	
335	9.393 735	30	9.407 472	32	0.592 528	9.986 263	2	665	
336	9.393 764	29	9.407 503	31	0.592 497	9.986 261	2	664	
		30		32			2		
337	9.393 794		9.407 535		0.592 465	9.986 259		663	
338	9.393 824	30	9.407 566	31	0.592 434	9.986 257	2	662	
339	9.393 853	29	9.407 598	32	0.592 402	9.986 255	2	661	
		30		32			2		
.340	9.393 883		9.407 630		0.592 370	9.986 253		.660	
		30		31			2		
341	9.393 913		9.407 661		0.592 339	9.986 251		659	
342	9.393 942	29	9.407 693	32	0.592 307	9.986 250	1	658	
343	9.393 972	30	9.407 724	31	0.592 276	9.986 248	2	657	
		30		32			2		
344	9.394 002		9.407 756		0.592 244	9.986 246		656	
345	9.394 031	29	9.407 787	31	0.592 213	9.986 244	2	655	
346	9.394 061	30	9.407 819	32	0.592 181	9.986 242	2	654	
		29		32			2		
347	9.394 090		9.407 851		0.592 149	9.986 240		653	
348	9.394 120	30	9.407 882	31	0.592 118	9.986 238	2	652	
349	9.394 150	30	9.407 914	32	0.592 086	9.986 236	2	651	
		29		31			2		
.350	9.394 179		9.407 945		0.592 055	9.986 234		.650	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

75°.700 — 75°.650

$14^\circ.350 - 14^\circ.400$

14°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.394 179		9.407 945		0.592 055	9.986 234		.650	
		30		32			2		
351	9.394 209		9.407 977		0.592 023	9.986 232		649	
352	9.394 239	30	9.408 008	31	0.591 992	9.986 230	2	648	
353	9.394 268	29	9.408 040	32	0.591 960	9.986 228	2	647	
		30		32			2		
354	9.394 298		9.408 072		0.591 928	9.986 226		646	
355	9.394 327	29	9.408 103	31	0.591 897	9.986 224	2	645	
356	9.394 357	30	9.408 135	32	0.591 865	9.986 222	2	644	
		30		31			2		
357	9.394 387		9.408 166		0.591 834	9.986 220		643	
358	9.394 416	29	9.408 198	32	0.591 802	9.986 219	1	642	
359	9.394 446	30	9.408 229	31	0.591 771	9.986 217	2	641	
		30		32			2		
.360	9.394 476		9.408 261		0.591 739	9.986 215		.640	
		29		31			2		
361	9.394 505		9.408 292		0.591 708	9.986 213		639	
362	9.394 535	30	9.408 324	32	0.591 676	9.986 211	2	638	
363	9.394 564	29	9.408 356	32	0.591 644	9.986 209	2	637	
		30		31			2		
364	9.394 594		9.408 387		0.591 613	9.986 207		636	
365	9.394 624	30	9.408 419	32	0.591 581	9.986 205	2	635	
366	9.394 653	29	9.408 450	31	0.591 550	9.986 203	2	634	
		30		32			2		
367	9.394 683		9.408 482		0.591 518	9.986 201		633	
368	9.394 712	29	9.408 513	31	0.591 487	9.986 199	2	632	
369	9.394 742	30	9.408 545	32	0.591 455	9.986 197	2	631	
		30		31			2		
.370	9.394 772		9.408 576		0.591 424	9.986 195		.630	
		29		32			2		
371	9.394 801		9.408 608		0.591 392	9.986 193		629	
372	9.394 831	30	9.408 639	31	0.591 361	9.986 191	2	628	
373	9.394 860	29	9.408 671	32	0.591 329	9.986 189	2	627	
		30		31			2		
374	9.394 890		9.408 702		0.591 298	9.986 187		626	
375	9.394 919	29	9.408 734	32	0.591 266	9.986 186	1	625	
376	9.394 949	30	9.408 765	31	0.591 235	9.986 184	2	624	
		30		32			2		
377	9.394 979		9.408 797		0.591 203	9.986 182		623	
378	9.395 008	29	9.408 828	31	0.591 172	9.986 180	2	622	
379	9.395 038	30	9.408 860	32	0.591 140	9.986 178	2	621	
		29		31			2		
.380	9.395 067		9.408 891		0.591 109	9.986 176		.620	
		30		32			2		
381	9.395 097		9.408 923		0.591 077	9.986 174		619	
382	9.395 126	29	9.408 954	31	0.591 046	9.986 172	2	618	
383	9.395 156	30	9.408 986	32	0.591 014	9.986 170	2	617	
		30		31			2		
384	9.395 186		9.409 017		0.590 983	9.986 168		616	
385	9.395 215	29	9.409 049	32	0.590 951	9.986 166	2	615	
386	9.395 245	30	9.409 080	31	0.590 920	9.986 164	2	614	
		29		32			2		
387	9.395 274		9.409 112		0.590 888	9.986 162		613	
388	9.395 304	30	9.409 143	31	0.590 857	9.986 160	2	612	
389	9.395 333	29	9.409 175	32	0.590 825	9.986 158	2	611	
		30		31			2		
.390	9.395 363		9.409 206		0.590 794	9.986 156		.610	
		29		32			2		
391	9.395 392		9.409 238		0.590 762	9.986 154		609	
392	9.395 422	30	9.409 269	31	0.590 731	9.986 152	2	608	
393	9.395 451	29	9.409 301	32	0.590 699	9.986 151	1	607	
		30		31			2		
394	9.395 481		9.409 332		0.590 668	9.986 149		606	
395	9.395 510	29	9.409 364	32	0.590 636	9.986 147	2	605	
396	9.395 540	30	9.409 395	31	0.590 605	9.986 145	2	604	
		30		32			2		
397	9.395 570		9.409 427		0.590 573	9.986 143		603	
398	9.395 599	29	9.409 458	31	0.590 542	9.986 141	2	602	
399	9.395 629	30	9.409 490	32	0.590 510	9.986 139	2	601	
		29		31			2		
.400	9.395 658		9.409 521		0.590 479	9.986 137		.600	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

$75^\circ.650 - 75^\circ.600$

14°.400 — 14°.450

14°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.395 658		9.409 521		0.590 479	9.986 137		.600	
		30		32			2		
401	9.395 688		9.409 553		0.590 447	9.986 135		599	
		29		31			2		
402	9.395 717		9.409 584		0.590 416	9.986 133		598	
		30		32			2		
403	9.395 747		9.409 616		0.590 384	9.986 131		597	
		29		31			2		
404	9.395 776		9.409 647		0.590 353	9.986 129		596	
		30		32			2		
405	9.395 806		9.409 679		0.590 321	9.986 127		595	
		29		31			2		
406	9.395 835		9.409 710		0.590 290	9.986 125		594	
		30		31			2		
407	9.395 865		9.409 741		0.590 259	9.986 123		593	
		29		32			2		
408	9.395 894		9.409 773		0.590 227	9.986 121		592	
		30		31			2		
409	9.395 924		9.409 804		0.590 196	9.986 119		591	
		29		32			2		
.410	9.395 953		9.409 836		0.590 164	9.986 117		.590	
		30		31			2		
411	9.395 983		9.409 867		0.590 133	9.986 115		589	
		29		32			1		
412	9.396 012		9.409 899		0.590 101	9.986 114		588	
		30		31			2		
413	9.396 042		9.409 930		0.590 070	9.986 112		587	
		29		32			2		
414	9.396 071		9.409 962		0.590 038	9.986 110		586	
		30		31			2		
415	9.396 101		9.409 993		0.590 007	9.986 108		585	
		29		31			2		
416	9.396 130		9.410 024		0.589 976	9.986 106		584	
		30		32			2		
417	9.396 160		9.410 056		0.589 944	9.986 104		583	
		29		31			2		
418	9.396 189		9.410 087		0.589 913	9.986 102		582	
		30		32			2		
419	9.396 219		9.410 119		0.589 881	9.986 100		581	
		29		31			2		
.420	9.396 248		9.410 150		0.589 850	9.986 098		.580	
		30		32			2		
421	9.396 278		9.410 182		0.589 818	9.986 096		579	
		29		31			2		
422	9.396 307		9.410 213		0.589 787	9.986 094		578	
		30		31			2		
423	9.396 337		9.410 244		0.589 756	9.986 092		577	
		29		32			2		
424	9.396 366		9.410 276		0.589 724	9.986 090		576	
		29		31			2		
425	9.396 395		9.410 307		0.589 693	9.986 088		575	
		30		32			2		
426	9.396 425		9.410 339		0.589 661	9.986 086		574	
		29		31			2		
427	9.396 454		9.410 370		0.589 630	9.986 084		573	
		30		32			2		
428	9.396 484		9.410 402		0.589 598	9.986 082		572	
		29		31			2		
429	9.396 513		9.410 433		0.589 567	9.986 080		571	
		30		31			2		
.430	9.396 543		9.410 464		0.589 536	9.986 078		.570	
		29		32			1		
431	9.396 572		9.410 496		0.589 504	9.986 077		569	
		30		31			2		
432	9.396 602		9.410 527		0.589 473	9.986 075		568	
		29		32			2		
433	9.396 631		9.410 559		0.589 441	9.986 073		567	
		30		31			2		
434	9.396 661		9.410 590		0.589 410	9.986 071		566	
		29		31			2		
435	9.396 690		9.410 621		0.589 379	9.986 069		565	
		30		32			2		
436	9.396 720		9.410 653		0.589 347	9.986 067		564	
		29		31			2		
437	9.396 749		9.410 684		0.589 316	9.986 065		563	
		29		32			2		
438	9.396 778		9.410 716		0.589 284	9.986 063		562	
		30		31			2		
439	9.396 808		9.410 747		0.589 253	9.986 061		561	
		29		31			2		
.440	9.396 837		9.410 778		0.589 222	9.986 059		.560	
		30		32			2		
441	9.396 867		9.410 810		0.589 190	9.986 057		559	
		29		31			2		
442	9.396 896		9.410 841		0.589 159	9.986 055		558	
		30		31			2		
443	9.396 926		9.410 872		0.589 128	9.986 053		557	
		29		32			2		
444	9.396 955		9.410 904		0.589 096	9.986 051		556	
		29		31			2		
445	9.396 984		9.410 935		0.589 065	9.986 049		555	
		30		32			2		
446	9.397 014		9.410 967		0.589 033	9.986 047		554	
		29		31			2		
447	9.397 043		9.410 998		0.589 002	9.986 045		553	
		30		31			2		
448	9.397 073		9.411 029		0.588 971	9.986 043		552	
		29		32			2		
449	9.397 102		9.411 061		0.588 939	9.986 041		551	
		30		31			2		
.450	9.397 132		9.411 092		0.588 908	9.986 039		.550	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

32

1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

31

1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

30

1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

29

1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

75°.600 — 75°.550

14°.450 — 14°.500

14°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.397 132		9.411 092		0.588 908	9.986 039		**.550**	
		29		31			2		
451	9.397 161		9.411 123		0.588 877	9.986 037		549	
452	9.397 190	29	9.411 155	32	0.588 845	9.986 036	1	548	
453	9.397 220	30	9.411 186	31	0.588 814	9.986 034	2	547	
		29		32			2		
454	9.397 249		9.411 218		0.588 782	9.986 032		546	
455	9.397 279	30	9.411 249	31	0.588 751	9.986 030	2	545	
456	9.397 308	29	9.411 280	31	0.588 720	9.986 028	2	544	
		29		32			2		
457	9.397 337		9.411 312		0.588 688	9.986 026		543	
458	9.397 367	30	9.411 343	31	0.588 657	9.986 024	2	542	
459	9.397 396	29	9.411 374	31	0.588 626	9.986 022	2	541	
		30		32			2		
.460	9.397 426		9.411 406		0.588 594	9.986 020		**.540**	
		29		31			2		
461	9.397 455		9.411 437		0.588 563	9.986 018		539	
462	9.397 484	29	9.411 468	31	0.588 532	9.986 016	2	538	
463	9.397 514	30	9.411 500	32	0.588 500	9.986 014	2	537	
		29		31			2		
464	9.397 543		9.411 531		0.588 469	9.986 012		536	
465	9.397 573	30	9.411 562	31	0.588 438	9.986 010	2	535	
466	9.397 602	29	9.411 594	32	0.588 406	9.986 008	2	534	
		29		31			2		
467	9.397 631		9.411 625		0.588 375	9.986 006		533	
468	9.397 661	30	9.411 656	31	0.588 344	9.986 004	2	532	
469	9.397 690	29	9.411 688	32	0.588 312	9.986 002	2	531	
		29		31			2		
.470	9.397 719		9.411 719		0.588 281	9.986 000		**.530**	
		30		31			2		
471	9.397 749		9.411 750		0.588 250	9.985 998		529	
472	9.397 778	29	9.411 782	32	0.588 218	9.985 996	2	528	
473	9.397 808	30	9.411 813	31	0.588 187	9.985 994	2	527	
		29		31			1		
474	9.397 837		9.411 844		0.588 156	9.985 993		526	
475	9.397 866	29	9.411 876	32	0.588 124	9.985 991	2	525	
476	9.397 896	30	9.411 907	31	0.588 093	9.985 989	2	524	
		29		31			2		
477	9.397 925		9.411 938		0.588 062	9.985 987		523	
478	9.397 954	29	9.411 970	32	0.588 030	9.985 985	2	522	
479	9.397 984	30	9.412 001	31	0.587 999	9.985 983	2	521	
		29		31			2		
.480	9.398 013		9.412 032		0.587 968	9.985 981		**.520**	
		29		32			2		
481	9.398 042		9.412 064		0.587 936	9.985 979		519	
482	9.398 072	30	9.412 095	31	0.587 905	9.985 977	2	518	
483	9.398 101	29	9.412 126	31	0.587 874	9.985 975	2	517	
		29		31			2		
484	9.398 130		9.412 157		0.587 843	9.985 973		516	
485	9.398 160	30	9.412 189	32	0.587 811	9.985 971	2	515	
486	9.398 189	29	9.412 220	31	0.587 780	9.985 969	2	514	
		29		31			2		
487	9.398 218		9.412 251		0.587 749	9.985 967		513	
488	9.398 248	30	9.412 283	32	0.587 717	9.985 965	2	512	
489	9.398 277	29	9.412 314	31	0.587 686	9.985 963	2	511	
		29		31			2		
.490	9.398 306		9.412 345		0.587 655	9.985 961		**.510**	
		30		32			2		
491	9.398 336		9.412 377		0.587 623	9.985 959		509	
492	9.398 365	29	9.412 408	31	0.587 592	9.985 957	2	508	
493	9.398 394	29	9.412 439	31	0.587 561	9.985 955	2	507	
		30		31			2		
494	9.398 424		9.412 470		0.587 530	9.985 953		506	
495	9.398 453	29	9.412 502	32	0.587 498	9.985 951	2	505	
496	9.398 482	29	9.412 533	31	0.587 467	9.985 949	2	504	
		30		31			2		
497	9.398 512		9.412 564		0.587 436	9.985 947		503	
498	9.398 541	29	9.412 596	32	0.587 404	9.985 946	1	502	
499	9.398 570	29	9.412 627	31	0.587 373	9.985 944	2	501	
		30		31			2		
.500	9.398 600		9.412 658		0.587 342	9.985 942		**.500**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

75°.550 — 75°.500

14°.500 — 14°.550

14°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.398 600		9.412 658		0.587 342	9.985 942		.500	
		29		31			2		
501	9.398 629		9.412 689		0.587 311	9.985 940		499	
502	9.398 658	29	9.412 721	32	0.587 279	9.985 938	2	498	
503	9.398 688	30	9.412 752	31	0.587 248	9.985 936	2	497	
		29		31			2		32
504	9.398 717		9.412 783		0.587 217	9.985 934		496	1 3.2
505	9.398 746	29	9.412 814	31	0.587 186	9.985 932	2	495	2 6.4
506	9.398 775	29	9.412 846	32	0.587 154	9.985 930	2	494	3 9.6
		30		31			2		4 12.8
507	9.398 805		9.412 877		0.587 123	9.985 928		493	5 16.0
508	9.398 834	29	9.412 908	31	0.587 092	9.985 926	2	492	6 19.2
509	9.398 863	29	9.412 939	31	0.587 061	9.985 924	2	491	7 22.4
		30		32			2		8 25.6
.510	9.398 893		9.412 971		0.587 029	9.985 922		.490	9 28.8
		29		31			2		
511	9.398 922		9.413 002		0.586 998	9.985 920		489	
512	9.398 951	29	9.413 033	31	0.586 967	9.985 918	2	488	
513	9.398 980	29	9.413 064	31	0.586 936	9.985 916	2	487	
		30		32			2		
514	9.399 010		9.413 096		0.586 904	9.985 914		486	
515	9.399 039	29	9.413 127	31	0.586 873	9.985 912	2	485	
516	9.399 068	29	9.413 158	31	0.586 842	9.985 910	2	484	31
		30		31			2		
517	9.399 098		9.413 189		0.586 811	9.985 908		483	1 3.1
518	9.399 127	29	9.413 221	32	0.586 779	9.985 906	2	482	2 6.2
519	9.399 156	29	9.413 252	31	0.586 748	9.985 904	2	481	3 9.3
		29		31			2		4 12.4
.520	9.399 185		9.413 283		0.586 717	9.985 902		.480	5 15.5
		30		31			2		6 18.6
521	9.399 215		9.413 314		0.586 686	9.985 900		479	7 21.7
522	9.399 244	29	9.413 346	32	0.586 654	9.985 898	2	478	8 24.8
523	9.399 273	29	9.413 377	31	0.586 623	9.985 896	2	477	9 27.9
		29		31			1		
524	9.399 302		9.413 408		0.586 592	9.985 895		476	
525	9.399 332	30	9.413 439	31	0.586 561	9.985 893	2	475	
526	9.399 361	29	9.413 470	31	0.586 530	9.985 891	2	474	
		29		32			2		
527	9.399 390		9.413 502		0.586 498	9.985 889		473	30
528	9.399 419	29	9.413 533	31	0.586 467	9.985 887	2	472	
529	9.399 449	30	9.413 564	31	0.586 436	9.985 885	2	471	1 3.0
		29		31			2		2 6.0
.530	9.399 478		9.413 595		0.586 405	9.985 883		.470	3 9.0
		29		31			2		4 12.0
531	9.399 507		9.413 626		0.586 374	9.985 881		469	5 15.0
532	9.399 536	29	9.413 658	32	0.586 342	9.985 879	2	468	6 18.0
533	9.399 566	30	9.413 689	31	0.586 311	9.985 877	2	467	7 21.0
		29		31			2		8 24.0
534	9.399 595		9.413 720		0.586 280	9.985 875		466	9 27.0
535	9.399 624	29	9.413 751	31	0.586 249	9.985 873	2	465	
536	9.399 653	29	9.413 782	31	0.586 218	9.985 871	2	464	
		30		32			2		
537	9.399 683		9.413 814		0.586 186	9.985 869		463	
538	9.399 712	29	9.413 845	31	0.586 155	9.985 867	2	462	
539	9.399 741	29	9.413 876	31	0.586 124	9.985 865	2	461	29
		29		31			2		
.540	9.399 770		9.413 907		0.586 093	9.985 863		.460	1 2.9
		30		31			2		2 5.8
541	9.399 800		9.413 938		0.586 062	9.985 861		459	3 8.7
542	9.399 829	29	9.413 970	32	0.586 030	9.985 859	2	458	4 11.6
543	9.399 858	29	9.414 001	31	0.585 999	9.985 857	2	457	5 14.5
		29		31			2		6 17.4
544	9.399 887		9.414 032		0.585 968	9.985 855		456	7 20.3
545	9.399 916	29	9.414 063	31	0.585 937	9.985 853	2	455	8 23.2
546	9.399 946	30	9.414 094	31	0.585 906	9.985 851	2	454	9 26.1
		29		32			2		
547	9.399 975		9.414 126		0.585 874	9.985 849		453	
548	9.400 004	29	9.414 157	31	0.585 843	9.985 847	2	452	
549	9.400 033	29	9.414 188	31	0.585 812	9.985 845	2	451	
		29		31			2		
.550	9.400 062		9.414 219		0.585 781	9.985 843		.450	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.500 — 75°.450

14°.550 — 14°.600

14°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.400 062		9.414 219		0.585 781	9.985 843		**.450**	
		30		31			2		
551	9.400 092		9.414 250		0.585 750	9.985 841		449	
		29		31			2		
552	9.400 121		9.414 281		0.585 719	9.985 839		448	
		29		32			2		
553	9.400 150		9.414 313		0.585 687	9.985 837		447	
		29		31			1		
554	9.400 179		9.414 344		0.585 656	9.985 836		446	
		29		31			2		
555	9.400 208		9.414 375		0.585 625	9.985 834		445	
		30		31			2		
556	9.400 238		9.414 406		0.585 594	9.985 832		444	
		29		31			2		
557	9.400 267		9.414 437		0.585 563	9.985 830		443	
		29		31			2		
558	9.400 296		9.414 468		0.585 532	9.985 828		442	
		29		32			2		
559	9.400 325		9.414 500		0.585 500	9.985 826		441	
		29		31			2		
.560	9.400 354		9.414 531		0.585 469	9.985 824		**.440**	
		30		31			2		
561	9.400 384		9.414 562		0.585 438	9.985 822		439	
		29		31			2		
562	9.400 413		9.414 593		0.585 407	9.985 820		438	
		29		31			2		
563	9.400 442		9.414 624		0.585 376	9.985 818		437	
		29		31			2		
564	9.400 471		9.414 655		0.585 345	9.985 816		436	
		29		31			2		
565	9.400 500		9.414 686		0.585 314	9.985 814		435	
		29		32			2		
566	9.400 529		9.414 718		0.585 282	9.985 812		434	
		30		31			2		
567	9.400 559		9.414 749		0.585 251	9.985 810		433	
		29		31			2		
568	9.400 588		9.414 780		0.585 220	9.985 808		432	
		29		31			2		
569	9.400 617		9.414 811		0.585 189	9.985 806		431	
		29		31			2		
.570	9.400 646		9.414 842		0.585 158	9.985 804		**.430**	
		29		31			2		
571	9.400 675		9.414 873		0.585 127	9.985 802		429	
		29		31			2		
572	9.400 704		9.414 904		0.585 096	9.985 800		428	
		30		31			2		
573	9.400 734		9.414 935		0.585 065	9.985 798		427	
		29		32			2		
574	9.400 763		9.414 967		0.585 033	9.985 796		426	
		29		31			2		
575	9.400 792		9.414 998		0.585 002	9.985 794		425	
		29		31			2		
576	9.400 821		9.415 029		0.584 971	9.985 792		424	
		29		31			2		
577	9.400 850		9.415 060		0.584 940	9.985 790		423	
		29		31			2		
578	9.400 879		9.415 091		0.584 909	9.985 788		422	
		30		31			2		
579	9.400 909		9.415 122		0.584 878	9.985 786		421	
		29		31			2		
.580	9.400 938		9.415 153		0.584 847	9.985 784		**.420**	
		29		31			2		
581	9.400 967		9.415 184		0.584 816	9.985 782		419	
		29		32			2		
582	9.400 996		9.415 216		0.584 784	9.985 780		418	
		29		31			2		
583	9.401 025		9.415 247		0.584 753	9.985 778		417	
		29		31			2		
584	9.401 054		9.415 278		0.584 722	9.985 776		416	
		29		31			2		
585	9.401 083		9.415 309		0.584 691	9.985 774		415	
		29		31			2		
586	9.401 112		9.415 340		0.584 660	9.985 772		414	
		30		31			1		
587	9.401 142		9.415 371		0.584 629	9.985 771		413	
		29		31			2		
588	9.401 171		9.415 402		0.584 598	9.985 769		412	
		29		31			2		
589	9.401 200		9.415 433		0.584 567	9.985 767		411	
		29		31			2		
.590	9.401 229		9.415 464		0.584 536	9.985 765		**.410**	
		29		31			2		
591	9.401 258		9.415 495		0.584 505	9.985 763		409	
		29		32			2		
592	9.401 287		9.415 527		0.584 473	9.985 761		408	
		29		31			2		
593	9.401 316		9.415 558		0.584 442	9.985 759		407	
		29		31			2		
594	9.401 345		9.415 589		0.584 411	9.985 757		406	
		30		31			2		
595	9.401 375		9.415 620		0.584 380	9.985 755		405	
		29		31			2		
596	9.401 404		9.415 651		0.584 349	9.985 753		404	
		29		31			2		
597	9.401 433		9.415 682		0.584 318	9.985 751		403	
		29		31			2		
598	9.401 462		9.415 713		0.584 287	9.985 749		402	
		29		31			2		
599	9.401 491		9.415 744		0.584 256	9.985 747		401	
		29		31			2		
.600	9.401 520		9.415 775		0.584 225	9.985 745		**.400**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

75°.450 — 75°.400

14°.600 — 14°.650

14°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.401 520		9.415 775		0.584 225	9.985 745		.400	
		29		31			2		
601	9.401 549		9.415 806		0.584 194	9.985 743		399	
602	9.401 578	29	9.415 837	31	0.584 163	9.985 741	2	398	
603	9.401 607	29	9.415 868	31	0.584 132	9.985 739	2	397	
		29		31			2		
604	9.401 636		9.415 899		0.584 101	9.985 737		396	
605	9.401 666	30	9.415 931	32	0.584 069	9.985 735	2	395	
606	9.401 695	29	9.415 962	31	0.584 038	9.985 733	2	394	
		29		31			2		
607	9.401 724		9.415 993		0.584 007	9.985 731		393	
608	9.401 753	29	9.416 024	31	0.583 976	9.985 729	2	392	
609	9.401 782	29	9.416 055	31	0.583 945	9.985 727	2	391	
		29		31			2		
.610	9.401 811		9.416 086		0.583 914	9.985 725		.390	
		29		31			2		
611	9.401 840		9.416 117		0.583 883	9.985 723		389	
612	9.401 869	29	9.416 148	31	0.583 852	9.985 721	2	388	
613	9.401 898	29	9.416 179	31	0.583 821	9.985 719	2	387	
		29		31			2		
614	9.401 927		9.416 210		0.583 790	9.985 717		386	
615	9.401 956	29	9.416 241	31	0.583 759	9.985 715	2	385	
616	9.401 985	29	9.416 272	31	0.583 728	9.985 713	2	384	
		29		31			2		
617	9.402 014		9.416 303		0.583 697	9.985 711		383	
618	9.402 044	30	9.416 334	31	0.583 666	9.985 709	2	382	
619	9.402 073	29	9.416 365	31	0.583 635	9.985 707	2	381	
		29		31			2		
.620	9.402 102		9.416 396		0.583 604	9.985 705		.380	
		29		31			2		
621	9.402 131		9.416 427		0.583 573	9.985 703		379	
622	9.402 160	29	9.416 458	31	0.583 542	9.985 701	2	378	
623	9.402 189	29	9.416 489	31	0.583 511	9.985 699	2	377	
		29		31			2		
624	9.402 218		9.416 520		0.583 480	9.985 697		376	
625	9.402 247	29	9.416 551	31	0.583 449	9.985 695	2	375	
626	9.402 276	29	9.416 582	31	0.583 418	9.985 693	2	374	
		29		31			2		
627	9.402 305		9.416 613		0.583 387	9.985 691		373	
628	9.402 334	29	9.416 645	32	0.583 355	9.985 690	1	372	
629	9.402 363	29	9.416 676	31	0.583 324	9.985 688	2	371	
		29		31			2		
.630	9.402 392		9.416 707		0.583 293	9.985 686		.370	
		29		31			2		
631	9.402 421		9.416 738		0.583 262	9.985 684		369	
632	9.402 450	29	9.416 769	31	0.583 231	9.985 682	2	368	
633	9.402 479	29	9.416 800	31	0.583 200	9.985 680	2	367	
		29		31			2		
634	9.402 508		9.416 831		0.583 169	9.985 678		366	
635	9.402 537	29	9.416 862	31	0.583 138	9.985 676	2	365	
636	9.402 566	29	9.416 893	31	0.583 107	9.985 674	2	364	
		29		31			2		
637	9.402 595		9.416 924		0.583 076	9.985 672		363	
638	9.402 624	29	9.416 955	31	0.583 045	9.985 670	2	362	
639	9.402 653	29	9.416 986	31	0.583 014	9.985 668	2	361	
		29		31			2		
.640	9.402 682		9.417 017		0.582 983	9.985 666		.360	
		29		31			2		
641	9.402 711		9.417 048		0.582 952	9.985 664		359	
642	9.402 740	29	9.417 079	31	0.582 921	9.985 662	2	358	
643	9.402 769	29	9.417 110	31	0.582 890	9.985 660	2	357	
		29		31			2		
644	9.402 798		9.417 141		0.582 859	9.985 658		356	
645	9.402 827	29	9.417 172	31	0.582 828	9.985 656	2	355	
646	9.402 856	29	9.417 203	31	0.582 797	9.985 654	2	354	
		29		31			2		
647	9.402 885		9.417 234		0.582 766	9.985 652		353	
648	9.402 914	29	9.417 265	31	0.582 735	9.985 650	2	352	
649	9.402 943	29	9.417 295	30	0.582 705	9.985 648	2	351	
		29		31			2		
.650	9.402 972		9.417 326		0.582 674	9.985 646		.350	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

75°.400 — 75°.350

14°.650 — 14°.700

14°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.402 972		9.417 326		0.582 674	9.985 646		**.350**	
		29		31			2		
651	9.403 001		9.417 357		0.582 643	9.985 644		349	
652	9.403 030	29	9.417 388	31	0.582 612	9.985 642	2	348	
653	9.403 059	29	9.417 419	31	0.582 581	9.985 640	2	347	
		29		31			2		
654	9.403 088		9.417 450		0.582 550	9.985 638		346	
655	9.403 117	29	9.417 481	31	0.582 519	9.985 636	2	345	
656	9.403 146	29	9.417 512	31	0.582 488	9.985 634	2	344	
		29		31			2		
657	9.403 175		9.417 543		0.582 457	9.985 632		343	
658	9.403 204	29	9.417 574	31	0.582 426	9.985 630	2	342	
659	9.403 233	29	9.417 605	31	0.582 395	9.985 628	2	341	
		29		31			2		
.660	9.403 262		9.417 636		0.582 364	9.985 626		**.340**	
		29		31			2		
661	9.403 291		9.417 667		0.582 333	9.985 624		339	
662	9.403 320	29	9.417 698	31	0.582 302	9.985 622	2	338	
663	9.403 349	29	9.417 729	31	0.582 271	9.985 620	2	337	
		29		31			2		
664	9.403 378		9.417 760		0.582 240	9.985 618		336	
665	9.403 407	29	9.417 791	31	0.582 209	9.985 616	2	335	
666	9.403 436	29	9.417 822	31	0.582 178	9.985 614	2	334	
		29		31			2		
667	9.403 465		9.417 853		0.582 147	9.985 612		333	
668	9.403 494	29	9.417 884	31	0.582 116	9.985 610	2	332	
669	9.403 523	29	9.417 915	31	0.582 085	9.985 608	2	331	
		29		31			2		
.670	9.403 552		9.417 946		0.582 054	9.985 606		**.330**	
		29		31			2		
671	9.403 581		9.417 977		0.582 023	9.985 604		329	
672	9.403 610	29	9.418 008	31	0.581 992	9.985 602	2	328	
673	9.403 639	29	9.418 038	30	0.581 962	9.985 600	2	327	
		29		31			2		
674	9.403 668		9.418 069		0.581 931	9.985 598		326	
675	9.403 697	29	9.418 100	31	0.581 900	9.985 596	2	325	
676	9.403 726	29	9.418 131	31	0.581 869	9.985 594	2	324	
		29		31			2		
677	9.403 755		9.418 162		0.581 838	9.985 592		323	
678	9.403 784	29	9.418 193	31	0.581 807	9.985 590	2	322	
679	9.403 812	28	9.418 224	31	0.581 776	9.985 588	2	321	
		29		31			2		
.680	9.403 841		9.418 255		0.581 745	9.985 586		**.320**	
		29		31			2		
681	9.403 870		9.418 286		0.581 714	9.985 584		319	
682	9.403 899	29	9.418 317	31	0.581 683	9.985 582	2	318	
683	9.403 928	29	9.418 348	31	0.581 652	9.985 580	2	317	
		29		31			1		
684	9.403 957		9.418 379		0.581 621	9.985 579		316	
685	9.403 986	29	9.418 410	31	0.581 590	9.985 577	2	315	
686	9.404 015	29	9.418 440	30	0.581 560	9.985 575	2	314	
		29		31			2		
687	9.404 044		9.418 471		0.581 529	9.985 573		313	
688	9.404 073	29	9.418 502	31	0.581 498	9.985 571	2	312	
689	9.404 102	29	9.418 533	31	0.581 467	9.985 569	2	311	
		29		31			2		
.690	9.404 131		9.418 564		0.581 436	9.985 567		**.310**	
		29		31			2		
691	9.404 160		9.418 595		0.581 405	9.985 565		309	
692	9.404 188	28	9.418 626	31	0.581 374	9.985 563	2	308	
693	9.404 217	29	9.418 657	31	0.581 343	9.985 561	2	307	
		29		31			2		
694	9.404 246		9.418 688		0.581 312	9.985 559		306	
695	9.404 275	29	9.418 719	31	0.581 281	9.985 557	2	305	
696	9.404 304	29	9.418 749	30	0.581 251	9.985 555	2	304	
		29		31			2		
697	9.404 333		9.418 780		0.581 220	9.985 553		303	
698	9.404 362	29	9.418 811	31	0.581 189	9.985 551	2	302	
699	9.404 391	29	9.418 842	31	0.581 158	9.985 549	2	301	
		29		31			2		
.700	9.404 420		9.418 873		0.581 127	9.985 547		**.300**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

75°.350 — 75°.300

14°.700 — 14°.750

14°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.404 420		9.418 873		0.581 127	9.985 547		**.300**	
		29		31			2		
701	9.404 449		9.418 904		0.581 096	9.985 545		299	
		28		31			2		
702	9.404 477		9.418 935		0.581 065	9.985 543		298	
		29		31			2		
703	9.404 506		9.418 966		0.581 034	9.985 541		297	
		29		30			2		
704	9.404 535		9.418 996		0.581 004	9.985 539		296	
		29		31			2		
705	9.404 564		9.419 027		0.580 973	9.985 537		295	
		29		31			2		
706	9.404 593		9.419 058		0.580 942	9.985 535		294	
		29		31			2		
707	9.404 622		9.419 089		0.580 911	9.985 533		293	
		29		31			2		
708	9.404 651		9.419 120		0.580 880	9.985 531		292	
		29		31			2		
709	9.404 680		9.419 151		0.580 849	9.985 529		291	
		28		31			2		
.710	9.404 708		9.419 182		0.580 818	9.985 527		**.290**	
		29		31			2		
711	9.404 737		9.419 213		0.580 787	9.985 525		289	
		29		30			2		
712	9.404 766		9.419 243		0.580 757	9.985 523		288	
		29		31			2		
713	9.404 795		9.419 274		0.580 726	9.985 521		287	
		29		31			2		
714	9.404 824		9.419 305		0.580 695	9.985 519		286	
		29		31			2		
715	9.404 853		9.419 336		0.580 664	9.985 517		285	
		29		31			2		
716	9.404 882		9.419 367		0.580 633	9.985 515		284	
		29		31			2		
717	9.404 911		9.419 398		0.580 602	9.985 513		283	
		28		30			2		
718	9.404 939		9.419 428		0.580 572	9.985 511		282	
		29		31			2		
719	9.404 968		9.419 459		0.580 541	9.985 509		281	
		29		31			2		
.720	9.404 997		9.419 490		0.580 510	9.985 507		**.280**	
		29		31			2		
721	9.405 026		9.419 521		0.580 479	9.985 505		279	
		29		31			2		
722	9.405 055		9.419 552		0.580 448	9.985 503		278	
		29		31			2		
723	9.405 084		9.419 583		0.580 417	9.985 501		277	
		28		31			2		
724	9.405 112		9.419 614		0.580 386	9.985 499		276	
		29		30			2		
725	9.405 141		9.419 644		0.580 356	9.985 497		275	
		29		31			2		
726	9.405 170		9.419 675		0.580 325	9.985 495		274	
		29		31			2		
727	9.405 199		9.419 706		0.580 294	9.985 493		273	
		29		31			2		
728	9.405 228		9.419 737		0.580 263	9.985 491		272	
		29		31			2		
729	9.405 257		9.419 768		0.580 232	9.985 489		271	
		29		31			2		
.730	9.405 286		9.419 799		0.580 201	9.985 487		**.270**	
		28		30			2		
731	9.405 314		9.419 829		0.580 171	9.985 485		269	
		29		31			2		
732	9.405 343		9.419 860		0.580 140	9.985 483		268	
		29		31			2		
733	9.405 372		9.419 891		0.580 109	9.985 481		267	
		29		31			2		
734	9.405 401		9.419 922		0.580 078	9.985 479		266	
		29		31			2		
735	9.405 430		9.419 953		0.580 047	9.985 477		265	
		28		30			2		
736	9.405 458		9.419 983		0.580 017	9.985 475		264	
		29		31			2		
737	9.405 487		9.420 014		0.579 986	9.985 473		263	
		29		31			2		
738	9.405 516		9.420 045		0.579 955	9.985 471		262	
		29		31			2		
739	9.405 545		9.420 076		0.579 924	9.985 469		261	
		29		31			2		
.740	9.405 574		9.420 107		0.579 893	9.985 467		**.260**	
		29		30			2		
741	9.405 603		9.420 137		0.579 863	9.985 465		259	
		28		31			2		
742	9.405 631		9.420 168		0.579 832	9.985 463		258	
		29		31			2		
743	9.405 660		9.420 199		0.579 801	9.985 461		257	
		29		31			2		
744	9.405 689		9.420 230		0.579 770	9.985 459		256	
		29		31			2		
745	9.405 718		9.420 261		0.579 739	9.985 457		255	
		29		30			2		
746	9.405 747		9.420 291		0.579 709	9.985 455		254	
		28		31			2		
747	9.405 775		9.420 322		0.579 678	9.985 453		253	
		29		31			2		
748	9.405 804		9.420 353		0.579 647	9.985 451		252	
		29		31			2		
749	9.405 833		9.420 384		0.579 616	9.985 449		251	
		29		31			2		
.750	9.405 862		9.420 415		0.579 585	9.985 447		**.250**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

75°.300 — 75°.250

14°.750 — 14°.800

14°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.405 862		9.420 415		0.579 585	9.985 447		**.250**	
		29		30			2		
751	9.405 891		9.420 445		0.579 555	9.985 445		249	
		28		31			2		
752	9.405 919		9.420 476		0.579 524	9.985 443		248	
		29		31			2		
753	9.405 948		9.420 507		0.579 493	9.985 441		247	
		29		31			2		
754	9.405 977		9.420 538		0.579 462	9.985 439		246	
		29		31			2		
755	9.406 006		9.420 569		0.579 431	9.985 437		245	
		28		30			2		
756	9.406 034		9.420 599		0.579 401	9.985 435		244	
		29		31			2		
757	9.406 063		9.420 630		0.579 370	9.985 433		243	
		29		31			2		
758	9.406 092		9.420 661		0.579 339	9.985 431		242	
		29		31			2		
759	9.406 121		9.420 692		0.579 308	9.985 429		241	
		29		30			2		
.760	9.406 150		9.420 722		0.579 278	9.985 427		**.240**	
		28		31			2		
761	9.406 178		9.420 753		0.579 247	9.985 425		239	
		29		31			2		
762	9.406 207		9.420 784		0.579 216	9.985 423		238	
		29		31			2		
763	9.406 236		9.420 815		0.579 185	9.985 421		237	
		29		30			2		
764	9.406 265		9.420 845		0.579 155	9.985 419		236	
		28		31			2		
765	9.406 293		9.420 876		0.579 124	9.985 417		235	
		29		31			2		
766	9.406 322		9.420 907		0.579 093	9.985 415		234	
		29		31			2		
767	9.406 351		9.420 938		0.579 062	9.985 413		233	
		29		30			2		
768	9.406 380		9.420 968		0.579 032	9.985 411		232	
		28		31			2		
769	9.406 408		9.420 999		0.579 001	9.985 409		231	
		29		31			2		
.770	9.406 437		9.421 030		0.578 970	9.985 407		**.230**	
		29		31			2		
771	9.406 466		9.421 061		0.578 939	9.985 405		229	
		29		30			2		
772	9.406 495		9.421 091		0.578 909	9.985 403		228	
		28		31			2		
773	9.406 523		9.421 122		0.578 878	9.985 401		227	
		29		31			2		
774	9.406 552		9.421 153		0.578 847	9.985 399		226	
		29		31			2		
775	9.406 581		9.421 184		0.578 816	9.985 397		225	
		29		30			2		
776	9.406 610		9.421 214		0.578 786	9.985 395		224	
		28		31			2		
777	9.406 638		9.421 245		0.578 755	9.985 393		223	
		29		31			2		
778	9.406 667		9.421 276		0.578 724	9.985 391		222	
		29		31			2		
779	9.406 696		9.421 307		0.578 693	9.985 389		221	
		29		30			2		
.780	9.406 725		9.421 337		0.578 663	9.985 387		**.220**	
		28		31			2		
781	9.406 753		9.421 368		0.578 632	9.985 385		219	
		29		31			2		
782	9.406 782		9.421 399		0.578 601	9.985 383		218	
		29		31			2		
783	9.406 811		9.421 430		0.578 570	9.985 381		217	
		28		30			2		
784	9.406 839		9.421 460		0.578 540	9.985 379		216	
		29		31			2		
785	9.406 868		9.421 491		0.578 509	9.985 377		215	
		29		31			2		
786	9.406 897		9.421 522		0.578 478	9.985 375		214	
		29		30			2		
787	9.406 926		9.421 552		0.578 448	9.985 373		213	
		28		31			2		
788	9.406 954		9.421 583		0.578 417	9.985 371		212	
		29		31			2		
789	9.406 983		9.421 614		0.578 386	9.985 369		211	
		29		31			2		
.790	9.407 012		9.421 645		0.578 355	9.985 367		**.210**	
		28		30			2		
791	9.407 040		9.421 675		0.578 325	9.985 365		209	
		29		31			2		
792	9.407 069		9.421 706		0.578 294	9.985 363		208	
		29		31			2		
793	9.407 098		9.421 737		0.578 263	9.985 361		207	
		29		30			2		
794	9.407 127		9.421 767		0.578 233	9.985 359		206	
		28		31			2		
795	9.407 155		9.421 798		0.578 202	9.985 357		205	
		29		31			2		
796	9.407 184		9.421 829		0.578 171	9.985 355		204	
		29		30			2		
797	9.407 213		9.421 859		0.578 141	9.985 353		203	
		28		31			2		
798	9.407 241		9.421 890		0.578 110	9.985 351		202	
		29		31			2		
799	9.407 270		9.421 921		0.578 079	9.985 349		201	
		29		31			2		
.800	9.407 299		9.421 952		0.578 048	9.985 347		**.200**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

75°.250 — 75°.200

14°.800 — 14°.850

14°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.407 299		9.421 952		0.578 048	9.985 347		.200	
		28		30			2		
801	9.407 327		9.421 982		0.578 018	9.985 345		199	
802	9.407 356	29	9.422 013	31	0.577 987	9.985 343	2	198	
803	9.407 385	29	9.422 044	31	0.577 956	9.985 341	2	197	
		28		30			2		31
804	9.407 413		9.422 074		0.577 926	9.985 339		196	1 3.1
805	9.407 442	29	9.422 105	31	0.577 895	9.985 337	2	195	2 6.2
806	9.407 471	29	9.422 136	31	0.577 864	9.985 335	2	194	3 9.3
		28		30			2		4 12.4
807	9.407 499		9.422 166		0.577 834	9.985 333		193	5 15.5
808	9.407 528	29	9.422 197	31	0.577 803	9.985 331	2	192	6 18.6
809	9.407 557	29	9.422 228	31	0.577 772	9.985 329	2	191	7 21.7
		28		30			2		8 24.8
.810	9.407 585		9.422 258		0.577 742	9.985 327		.190	9 27.9
		29		31			2		
811	9.407 614		9.422 289		0.577 711	9.985 325		189	
812	9.407 643	29	9.422 320	31	0.577 680	9.985 323	2	188	
813	9.407 671	28	9.422 350	30	0.577 650	9.985 321	2	187	
		29		31			2		
814	9.407 700		9.422 381		0.577 619	9.985 319		186	
815	9.407 729	29	9.422 412	31	0.577 588	9.985 317	2	185	30
816	9.407 757	28	9.422 442	30	0.577 558	9.985 315	2	184	
		29		31			2		1 3.0
817	9.407 786		9.422 473		0.577 527	9.985 313		183	2 6.0
818	9.407 815	29	9.422 504	31	0.577 496	9.985 311	2	182	3 9.0
819	9.407 843	28	9.422 534	30	0.577 466	9.985 309	2	181	4 12.0
		29		31			2		5 15.0
.820	9.407 872		9.422 565		0.577 435	9.985 307		.180	6 18.0
		29		31			2		7 21.0
821	9.407 901		9.422 596		0.577 404	9.985 305		179	8 24.0
822	9.407 929	28	9.422 626	30	0.577 374	9.985 303	2	178	9 27.0
823	9.407 958	29	9.422 657	31	0.577 343	9.985 301	2	177	
		29		31			2		
824	9.407 987		9.422 688		0.577 312	9.985 299		176	
825	9.408 015	28	9.422 718	30	0.577 282	9.985 297	2	175	
826	9.408 044	29	9.422 749	31	0.577 251	9.985 295	2	174	
		29		31			2		
827	9.408 073		9.422 780		0.577 220	9.985 293		173	29
828	9.408 101	28	9.422 810	30	0.577 190	9.985 291	2	172	
829	9.408 130	29	9.422 841	31	0.577 159	9.985 289	2	171	1 2.9
		28		30			2		2 5.8
.830	9.408 158		9.422 871		0.577 129	9.985 287		.170	3 8.7
		29		31			2		4 11.6
831	9.408 187		9.422 902		0.577 098	9.985 285		169	5 14.5
832	9.408 216	29	9.422 933	31	0.577 067	9.985 283	2	168	6 17.4
833	9.408 244	28	9.422 963	30	0.577 037	9.985 281	2	167	7 20.3
		29		31			2		8 23.2
834	9.408 273		9.422 994		0.577 006	9.985 279		166	9 26.1
835	9.408 302	29	9.423 025	31	0.576 975	9.985 277	2	165	
836	9.408 330	28	9.423 055	30	0.576 945	9.985 275	2	164	
		29		31			2		
837	9.408 359		9.423 086		0.576 914	9.985 273		163	
838	9.408 387	28	9.423 116	30	0.576 884	9.985 271	2	162	
839	9.408 416	29	9.423 147	31	0.576 853	9.985 269	2	161	28
		29		31			2		
.840	9.408 445		9.423 178		0.576 822	9.985 267		.160	1 2.8
		28		30			2		2 5.6
841	9.408 473		9.423 208		0.576 792	9.985 265		159	3 8.4
842	9.408 502	29	9.423 239	31	0.576 761	9.985 263	2	158	4 11.2
843	9.408 530	28	9.423 270	31	0.576 730	9.985 261	2	157	5 14.0
		29		30			2		6 16.8
844	9.408 559		9.423 300		0.576 700	9.985 259		156	7 19.6
845	9.408 588	29	9.423 331	31	0.576 669	9.985 257	2	155	8 22.4
846	9.408 616	28	9.423 361	30	0.576 639	9.985 255	2	154	9 25.2
		29		31			2		
847	9.408 645		9.423 392		0.576 608	9.985 253		153	
848	9.408 673	28	9.423 423	31	0.576 577	9.985 251	2	152	
849	9.408 702	29	9.423 453	30	0.576 547	9.985 249	2	151	
		29		31			2		
.850	9.408 731		9.423 484		0.576 516	9.985 247		.150	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.200 — 75°.150

14°.850 — 14°.900

14°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.408 731		9.423 484		0.576 516	9.985 247		**.150**	
		28		30			2		
851	9.408 759		9.423 514		0.576 486	9.985 245		149	
852	9.408 788	29	9.423 545	31	0.576 455	9.985 243	2	148	
853	9.408 816	28	9.423 576	31	0.576 424	9.985 241	2	147	
		29		30			2		31
854	9.408 845		9.423 606		0.576 394	9.985 239		146	1 3.1
855	9.408 874	29	9.423 637	31	0.576 363	9.985 237	2	145	2 6.2
856	9.408 902	28	9.423 667	30	0.576 333	9.985 235	2	144	3 9.3
		29		31			2		4 12.4
857	9.408 931		9.423 698		0.576 302	9.985 233		143	5 15.5
858	9.408 959	28	9.423 728	30	0.576 272	9.985 231	2	142	6 18.6
859	9.408 988	29	9.423 759	31	0.576 241	9.985 229	2	141	7 21.7
		28		31			2		8 24.8
.860	9.409 016		9.423 790		0.576 210	9.985 227		**.140**	9 27.9
		29		30			2		
861	9.409 045		9.423 820		0.576 180	9.985 225		139	
862	9.409 074	29	9.423 851	31	0.576 149	9.985 223	2	138	
863	9.409 102	28	9.423 881	30	0.576 119	9.985 221	2	137	
		29		31			2		
864	9.409 131		9.423 912		0.576 088	9.985 219		136	
865	9.409 159	28	9.423 943	31	0.576 057	9.985 217	2	135	
866	9.409 188	29	9.423 973	30	0.576 027	9.985 215	2	134	
		28		31			2		30
867	9.409 216		9.424 004		0.575 996	9.985 213		133	1 3.0
868	9.409 245	29	9.424 034	30	0.575 966	9.985 211	2	132	2 6.0
869	9.409 273	28	9.424 065	31	0.575 935	9.985 209	2	131	3 9.0
		29		30			2		4 12.0
.870	9.409 302		9.424 095		0.575 905	9.985 207		**.130**	5 15.0
		28		31			2		6 18.0
871	9.409 330		9.424 126		0.575 874	9.985 205		129	7 21.0
872	9.409 359	29	9.424 156	30	0.575 844	9.985 203	2	128	8 24.0
873	9.409 388	29	9.424 187	31	0.575 813	9.985 201	2	127	9 27.0
		28		31			2		
874	9.409 416		9.424 218		0.575 782	9.985 199		126	
875	9.409 445	29	9.424 248	30	0.575 752	9.985 197	2	125	
876	9.409 473	28	9.424 279	31	0.575 721	9.985 195	2	124	
		29		30			2		
877	9.409 502		9.424 309		0.575 691	9.985 193		123	29
878	9.409 530	28	9.424 340	31	0.575 660	9.985 191	2	122	
879	9.409 559	29	9.424 370	30	0.575 630	9.985 188	3	121	1 2.9
		28		31			2		2 5.8
.880	9.409 587		9.424 401		0.575 599	9.985 186		**.120**	3 8.7
		29		30			2		4 11.6
881	9.409 616		9.424 431		0.575 569	9.985 184		119	5 14.5
882	9.409 644	28	9.424 462	31	0.575 538	9.985 182	2	118	6 17.4
883	9.409 673	29	9.424 492	30	0.575 508	9.985 180	2	117	7 20.3
		28		31			2		8 23.2
884	9.409 701		9.424 523		0.575 477	9.985 178		116	9 26.1
885	9.409 730	29	9.424 554	31	0.575 446	9.985 176	2	115	
886	9.409 758	28	9.424 584	30	0.575 416	9.985 174	2	114	
		29		31			2		
887	9.409 787		9.424 615		0.575 385	9.985 172		113	
888	9.409 815	28	9.424 645	30	0.575 355	9.985 170	2	112	
889	9.409 844	29	9.424 676	31	0.575 324	9.985 168	2	111	28
		28		30			2		
.890	9.409 872		9.424 706		0.575 294	9.985 166		**.110**	1 2.8
		29		31			2		2 5.6
891	9.409 901		9.424 737		0.575 263	9.985 164		109	3 8.4
892	9.409 930	29	9.424 767	30	0.575 233	9.985 162	2	108	4 11.2
893	9.409 958	28	9.424 798	31	0.575 202	9.985 160	2	107	5 14.0
		29		30			2		6 16.8
894	9.409 987		9.424 828		0.575 172	9.985 158		106	7 19.6
895	9.410 015	28	9.424 859	31	0.575 141	9.985 156	2	105	8 22.4
896	9.410 044	29	9.424 889	30	0.575 111	9.985 154	2	104	9 25.2
		28		31			2		
897	9.410 072		9.424 920		0.575 080	9.985 152		103	
898	9.410 100	28	9.424 950	30	0.575 050	9.985 150	2	102	
899	9.410 129	29	9.424 981	31	0.575 019	9.985 148	2	101	
		28		30			2		
.900	9.410 157		9.425 011		0.574 989	9.985 146		**.100**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

75°.150 — 75°.100

14°.900 — 14°.950

14°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.410 157		9.425 011		0.574 989	9.985 146		.100	
		29		31			2		
901	9.410 186		9.425 042		0.574 958	9.985 144		099	
		28		30			2		
902	9.410 214		9.425 072		0.574 928	9.985 142		098	
		29		31			2		
903	9.410 243		9.425 103		0.574 897	9.985 140		097	
		28		30			2		
904	9.410 271		9.425 133		0.574 867	9.985 138		096	
		29		31			2		
905	9.410 300		9.425 164		0.574 836	9.985 136		095	
		28		30			2		
906	9.410 328		9.425 194		0.574 806	9.985 134		094	
		29		31			2		
907	9.410 357		9.425 225		0.574 775	9.985 132		093	
		28		30			2		
908	9.410 385		9.425 255		0.574 745	9.985 130		092	
		29		31			2		
909	9.410 414		9.425 286		0.574 714	9.985 128		091	
		28		30			2		
.910	9.410 442		9.425 316		0.574 684	9.985 126		.090	
		29		31			2		
911	9.410 471		9.425 347		0.574 653	9.985 124		089	
		28		30			2		
912	9.410 499		9.425 377		0.574 623	9.985 122		088	
		29		31			2		
913	9.410 528		9.425 408		0.574 592	9.985 120		087	
		28		30			2		
914	9.410 556		9.425 438		0.574 562	9.985 118		086	
		29		31			2		
915	9.410 585		9.425 469		0.574 531	9.985 116		085	
		28		30			2		
916	9.410 613		9.425 499		0.574 501	9.985 114		084	
		28		31			2		
917	9.410 641		9.425 530		0.574 470	9.985 112		083	
		29		30			2		
918	9.410 670		9.425 560		0.574 440	9.985 110		082	
		28		31			2		
919	9.410 698		9.425 591		0.574 409	9.985 108		081	
		29		30			2		
.920	9.410 727		9.425 621		0.574 379	9.985 106		.080	
		28		30			2		
921	9.410 755		9.425 651		0.574 349	9.985 104		079	
		29		31			2		
922	9.410 784		9.425 682		0.574 318	9.985 102		078	
		28		30			2		
923	9.410 812		9.425 712		0.574 288	9.985 100		077	
		29		31			2		
924	9.410 841		9.425 743		0.574 257	9.985 098		076	
		28		30			2		
925	9.410 869		9.425 773		0.574 227	9.985 096		075	
		28		31			2		
926	9.410 897		9.425 804		0.574 196	9.985 094		074	
		29		30			2		
927	9.410 926		9.425 834		0.574 166	9.985 092		073	
		28		31			2		
928	9.410 954		9.425 865		0.574 135	9.985 090		072	
		29		30			2		
929	9.410 983		9.425 895		0.574 105	9.985 088		071	
		28		31			2		
.930	9.411 011		9.425 926		0.574 074	9.985 086		.070	
		29		30			2		
931	9.411 040		9.425 956		0.574 044	9.985 084		069	
		28		30			2		
932	9.411 068		9.425 986		0.574 014	9.985 082		068	
		28		31			2		
933	9.411 096		9.426 017		0.573 983	9.985 080		067	
		29		30			2		
934	9.411 125		9.426 047		0.573 953	9.985 078		066	
		28		31			3		
935	9.411 153		9.426 078		0.573 922	9.985 075		065	
		29		30			2		
936	9.411 182		9.426 108		0.573 892	9.985 073		064	
		28		31			2		
937	9.411 210		9.426 139		0.573 861	9.985 071		063	
		29		30			2		
938	9.411 239		9.426 169		0.573 831	9.985 069		062	
		28		31			2		
939	9.411 267		9.426 200		0.573 800	9.985 067		061	
		28		30			2		
.940	9.411 295		9.426 230		0.573 770	9.985 065		.060	
		29		30			2		
941	9.411 324		9.426 260		0.573 740	9.985 063		059	
		28		31			2		
942	9.411 352		9.426 291		0.573 709	9.985 061		058	
		29		30			2		
943	9.411 381		9.426 321		0.573 679	9.985 059		057	
		28		31			2		
944	9.411 409		9.426 352		0.573 648	9.985 057		056	
		28		30			2		
945	9.411 437		9.426 382		0.573 618	9.985 055		055	
		29		31			2		
946	9.411 466		9.426 413		0.573 587	9.985 053		054	
		28		30			2		
947	9.411 494		9.426 443		0.573 557	9.985 051		053	
		29		30			2		
948	9.411 523		9.426 473		0.573 527	9.985 049		052	
		28		31			2		
949	9.411 551		9.426 504		0.573 496	9.985 047		051	
		28		30			2		
.950	9.411 579		9.426 534		0.573 466	9.985 045		.050	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

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1	3.1
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5	15.5
6	18.6
7	21.7
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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

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1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

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1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

75°.100 — 75°.050

14°.950 — 15°.000

14°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.411 579		9.426 534		0.573 466	9.985 045		.050	
		29		31			2		
951	9.411 608		9.426 565		0.573 435	9.985 043		049	
		28		30			2		
952	9.411 636		9.426 595		0.573 405	9.985 041		048	
		28		30			2		
953	9.411 664		9.426 625		0.573 375	9.985 039		047	
		29		31			2		
954	9.411 693		9.426 656		0.573 344	9.985 037		046	
		28		30			2		
955	9.411 721		9.426 686		0.573 314	9.985 035		045	
		29		31			2		
956	9.411 750		9.426 717		0.573 283	9.985 033		044	
		28		30			2		
957	9.411 778		9.426 747		0.573 253	9.985 031		043	
		28		30			2		
958	9.411 806		9.426 777		0.573 223	9.985 029		042	
		29		31			2		
959	9.411 835		9.426 808		0.573 192	9.985 027		041	
		28		30			2		
.960	9.411 863		9.426 838		0.573 162	9.985 025		.040	
		28		31			2		
961	9.411 891		9.426 869		0.573 131	9.985 023		039	
		29		30			2		
962	9.411 920		9.426 899		0.573 101	9.985 021		038	
		28		30			2		
963	9.411 948		9.426 929		0.573 071	9.985 019		037	
		29		31			2		
964	9.411 977		9.426 960		0.573 040	9.985 017		036	
		28		30			2		
965	9.412 005		9.426 990		0.573 010	9.985 015		035	
		28		31			2		
966	9.412 033		9.427 021		0.572 979	9.985 013		034	
		29		30			2		
967	9.412 062		9.427 051		0.572 949	9.985 011		033	
		28		30			2		
968	9.412 090		9.427 081		0.572 919	9.985 009		032	
		28		31			2		
969	9.412 118		9.427 112		0.572 888	9.985 007		031	
		29		30			2		
.970	9.412 147		9.427 142		0.572 858	9.985 005		.030	
		28		30			2		
971	9.412 175		9.427 172		0.572 828	9.985 003		029	
		28		31			2		
972	9.412 203		9.427 203		0.572 797	9.985 001		028	
		29		30			2		
973	9.412 232		9.427 233		0.572 767	9.984 999		027	
		28		31			2		
974	9.412 260		9.427 264		0.572 736	9.984 997		026	
		28		30			2		
975	9.412 288		9.427 294		0.572 706	9.984 995		025	
		29		30			3		
976	9.412 317		9.427 324		0.572 676	9.984 992		024	
		28		31			2		
977	9.412 345		9.427 355		0.572 645	9.984 990		023	
		28		30			2		
978	9.412 373		9.427 385		0.572 615	9.984 988		022	
		29		30			2		
979	9.412 402		9.427 415		0.572 585	9.984 986		021	
		28		31			2		
.980	9.412 430		9.427 446		0.572 554	9.984 984		.020	
		28		30			2		
981	9.412 458		9.427 476		0.572 524	9.984 982		019	
		29		30			2		
982	9.412 487		9.427 506		0.572 494	9.984 980		018	
		28		31			2		
983	9.412 515		9.427 537		0.572 463	9.984 978		017	
		28		30			2		
984	9.412 543		9.427 567		0.572 433	9.984 976		016	
		29		30			2		
985	9.412 572		9.427 597		0.572 403	9.984 974		015	
		28		31			2		
986	9.412 600		9.427 628		0.572 372	9.984 972		014	
		28		30			2		
987	9.412 628		9.427 658		0.572 342	9.984 970		013	
		29		30			2		
988	9.412 657		9.427 688		0.572 312	9.984 968		012	
		28		31			2		
989	9.412 685		9.427 719		0.572 281	9.984 966		011	
		28		30			2		
.990	9.412 713		9.427 749		0.572 251	9.984 964		.010	
		29		31			2		
991	9.412 742		9.427 780		0.572 220	9.984 962		009	
		28		30			2		
992	9.412 770		9.427 810		0.572 190	9.984 960		008	
		28		30			2		
993	9.412 798		9.427 840		0.572 160	9.984 958		007	
		28		31			2		
994	9.412 826		9.427 871		0.572 129	9.984 956		006	
		29		30			2		
995	9.412 855		9.427 901		0.572 099	9.984 954		005	
		28		30			2		
996	9.412 883		9.427 931		0.572 069	9.984 952		004	
		28		30			2		
997	9.412 911		9.427 961		0.572 039	9.984 950		003	
		29		31			2		
998	9.412 940		9.427 992		0.572 008	9.984 948		002	
		28		30			2		
999	9.412 968		9.428 022		0.571 978	9.984 946		001	
		28		30			2		
*000	9.412 996		9.428 052		0.571 948	9.984 944		.000	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

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8	24.0
9	27.0

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6	17.4
7	20.3
8	23.2
9	26.1

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1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

75°.050 — 75°.000

15°.000 — 15°.050

15°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.412 996		9.428 052		0.571 948	9.984 944		*000	
		29		31			2		
001	9.413 025		9.428 083		0.571 917	9.984 942		999	
002	9.413 053	28	9.428 113	30	0.571 887	9.984 940	2	998	
003	9.413 081	28	9.428 143	30	0.571 857	9.984 938	2	997	
		28		31			2		
004	9.413 109		9.428 174		0.571 826	9.984 936		996	
005	9.413 138	29	9.428 204	30	0.571 796	9.984 934	2	995	
006	9.413 166	28	9.428 234	30	0.571 766	9.984 932	2	994	
		28		31			2		
007	9.413 194		9.428 265		0.571 735	9.984 930		993	
008	9.413 222	28	9.428 295	30	0.571 705	9.984 928	2	992	
009	9.413 251	29	9.428 325	30	0.571 675	9.984 925	3	991	
		28		31			2		
.010	9.413 279		9.428 356		0.571 644	9.984 923		.990	
		28		30			2		
011	9.413 307		9.428 386		0.571 614	9.984 921		989	
012	9.413 336	29	9.428 416	30	0.571 584	9.984 919	2	988	
013	9.413 364	28	9.428 446	30	0.571 554	9.984 917	2	987	
		28		31			2		
014	9.413 392		9.428 477		0.571 523	9.984 915		986	
015	9.413 420	28	9.428 507	30	0.571 493	9.984 913	2	985	
016	9.413 449	29	9.428 537	30	0.571 463	9.984 911	2	984	
		28		31			2		
017	9.413 477		9.428 568		0.571 432	9.984 909		983	
018	9.413 505	28	9.428 598	30	0.571 402	9.984 907	2	982	
019	9.413 533	28	9.428 628	30	0.571 372	9.984 905	2	981	
		29		30			2		
.020	9.413 562		9.428 658		0.571 342	9.984 903		.980	
		28		31			2		
021	9.413 590		9.428 689		0.571 311	9.984 901		979	
022	9.413 618	28	9.428 719	30	0.571 281	9.984 899	2	978	
023	9.413 646	28	9.428 749	30	0.571 251	9.984 897	2	977	
		29		31			2		
024	9.413 675		9.428 780		0.571 220	9.984 895		976	
025	9.413 703	28	9.428 810	30	0.571 190	9.984 893	2	975	
026	9.413 731	28	9.428 840	30	0.571 160	9.984 891	2	974	
		28		30			2		
027	9.413 759		9.428 870		0.571 130	9.984 889		973	
028	9.413 788	29	9.428 901	31	0.571 099	9.984 887	2	972	
029	9.413 816	28	9.428 931	30	0.571 069	9.984 885	2	971	
		28		30			2		
.030	9.413 844		9.428 961		0.571 039	9.984 883		.970	
		28		30			2		
031	9.413 872		9.428 991		0.571 009	9.984 881		969	
032	9.413 900	28	9.429 022	31	0.570 978	9.984 879	2	968	
033	9.413 929	29	9.429 052	30	0.570 948	9.984 877	2	967	
		28		30			2		
034	9.413 957		9.429 082		0.570 918	9.984 875		966	
035	9.413 985	28	9.429 113	31	0.570 887	9.984 873	2	965	
036	9.414 013	28	9.429 143	30	0.570 857	9.984 871	2	964	
		29		30			2		
037	9.414 042		9.429 173		0.570 827	9.984 869		963	
038	9.414 070	28	9.429 203	30	0.570 797	9.984 866	3	962	
039	9.414 098	28	9.429 234	31	0.570 766	9.984 864	2	961	
		28		30			2		
.040	9.414 126		9.429 264		0.570 736	9.984 862		.960	
		28		30			2		
041	9.414 154		9.429 294		0.570 706	9.984 860		959	
042	9.414 183	29	9.429 324	30	0.570 676	9.984 858	2	958	
043	9.414 211	28	9.429 354	30	0.570 646	9.984 856	2	957	
		28		31			2		
044	9.414 239		9.429 385		0.570 615	9.984 854		956	
045	9.414 267	28	9.429 415	30	0.570 585	9.984 852	2	955	
046	9.414 295	28	9.429 445	30	0.570 555	9.984 850	2	954	
		29		30			2		
047	9.414 324		9.429 475		0.570 525	9.984 848		953	
048	9.414 352	28	9.429 506	31	0.570 494	9.984 846	2	952	
049	9.414 380	28	9.429 536	30	0.570 464	9.984 844	2	951	
		28		30			2		
.050	9.414 408		9.429 566		0.570 434	9.984 842		.950	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

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1	3.1
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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

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1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

75°.000 — 74°.950

15°.050 — 15°.100

15°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.414 408		9.429 566		0.570 434	9.984 842		**.950**	
		28		30			2		
051	9.414 436		9.429 596		0.570 404	9.984 840		949	
		29		31			2		
052	9.414 465		9.429 627		0.570 373	9.984 838		948	
		28		30			2		
053	9.414 493		9.429 657		0.570 343	9.984 836		947	
		28		30			2		
054	9.414 521		9.429 687		0.570 313	9.984 834		946	
		28		30			2		
055	9.414 549		9.429 717		0.570 283	9.984 832		945	
		28		30			2		
056	9.414 577		9.429 747		0.570 253	9.984 830		944	
		28		31			2		
057	9.414 605		9.429 778		0.570 222	9.984 828		943	
		29		30			2		
058	9.414 634		9.429 808		0.570 192	9.984 826		942	
		28		30			2		
059	9.414 662		9.429 838		0.570 162	9.984 824		941	
		28		30			2		
.060	9.414 690		9.429 868		0.570 132	9.984 822		**.940**	
		28		31			2		
061	9.414 718		9.429 899		0.570 101	9.984 820		939	
		28		30			2		
062	9.414 746		9.429 929		0.570 071	9.984 818		938	
		28		30			2		
063	9.414 774		9.429 959		0.570 041	9.984 816		937	
		29		30			2		
064	9.414 803		9.429 989		0.570 011	9.984 814		936	
		28		30			3		
065	9.414 831		9.430 019		0.569 981	9.984 811		935	
		28		31			2		
066	9.414 859		9.430 050		0.569 950	9.984 809		934	
		28		30			2		
067	9.414 887		9.430 080		0.569 920	9.984 807		933	
		28		30			2		
068	9.414 915		9.430 110		0.569 890	9.984 805		932	
		28		30			2		
069	9.414 943		9.430 140		0.569 860	9.984 803		931	
		29		30			2		
.070	9.414 972		9.430 170		0.569 830	9.984 801		**.930**	
		28		31			2		
071	9.415 000		9.430 201		0.569 799	9.984 799		929	
		28		30			2		
072	9.415 028		9.430 231		0.569 769	9.984 797		928	
		28		30			2		
073	9.415 056		9.430 261		0.569 739	9.984 795		927	
		28		30			2		
074	9.415 084		9.430 291		0.569 709	9.984 793		926	
		28		30			2		
075	9.415 112		9.430 321		0.569 679	9.984 791		925	
		28		30			2		
076	9.415 140		9.430 351		0.569 649	9.984 789		924	
		29		31			2		
077	9.415 169		9.430 382		0.569 618	9.984 787		923	
		28		30			2		
078	9.415 197		9.430 412		0.569 588	9.984 785		922	
		28		30			2		
079	9.415 225		9.430 442		0.569 558	9.984 783		921	
		28		30			2		
.080	9.415 253		9.430 472		0.569 528	9.984 781		**.920**	
		28		30			2		
081	9.415 281		9.430 502		0.569 498	9.984 779		919	
		28		31			2		
082	9.415 309		9.430 533		0.569 467	9.984 777		918	
		28		30			2		
083	9.415 337		9.430 563		0.569 437	9.984 775		917	
		29		30			2		
084	9.415 366		9.430 593		0.569 407	9.984 773		916	
		28		30			2		
085	9.415 394		9.430 623		0.569 377	9.984 771		915	
		28		30			2		
086	9.415 422		9.430 653		0.569 347	9.984 769		914	
		28		30			2		
087	9.415 450		9.430 683		0.569 317	9.984 767		913	
		28		30			3		
088	9.415 478		9.430 713		0.569 287	9.984 764		912	
		28		31			2		
089	9.415 506		9.430 744		0.569 256	9.984 762		911	
		28		30			2		
.090	9.415 534		9.430 774		0.569 226	9.984 760		**.910**	
		28		30			2		
091	9.415 562		9.430 804		0.569 196	9.984 758		909	
		28		30			2		
092	9.415 590		9.430 834		0.569 166	9.984 756		908	
		29		30			2		
093	9.415 619		9.430 864		0.569 136	9.984 754		907	
		28		30			2		
094	9.415 647		9.430 894		0.569 106	9.984 752		906	
		28		31			2		
095	9.415 675		9.430 925		0.569 075	9.984 750		905	
		28		30			2		
096	9.415 703		9.430 955		0.569 045	9.984 748		904	
		28		30			2		
097	9.415 731		9.430 985		0.569 015	9.984 746		903	
		28		30			2		
098	9.415 759		9.431 015		0.568 985	9.984 744		902	
		28		30			2		
099	9.415 787		9.431 045		0.568 955	9.984 742		901	
		28		30			2		
.100	9.415 815		9.431 075		0.568 925	9.984 740		**.900**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

74°.950 — 74°.900

15°.100 — 15°.150

15°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.415 815		9.431 075		0.568 925	9.984 740		**.900**	
		28		30			2		
101	9.415 843		9.431 105		0.568 895	9.984 738		899	
102	9.415 871	28	9.431 136	31	0.568 864	9.984 736	2	898	
103	9.415 900	29	9.431 166	30	0.568 834	9.984 734	2	897	
		28		30			2		
104	9.415 928		9.431 196		0.568 804	9.984 732		896	
105	9.415 956	28	9.431 226	30	0.568 774	9.984 730	2	895	
106	9.415 984	28	9.431 256	30	0.568 744	9.984 728	2	894	
		28		30			2		
107	9.416 012		9.431 286		0.568 714	9.984 726		893	
108	9.416 040	28	9.431 316	30	0.568 684	9.984 724	2	892	
109	9.416 068	28	9.431 346	30	0.568 654	9.984 722	2	891	
		28		31			2		
.110	9.416 096		9.431 377		0.568 623	9.984 720		**.890**	
		28		30			3		
111	9.416 124		9.431 407		0.568 593	9.984 717		889	
112	9.416 152	28	9.431 437	30	0.568 563	9.984 715	2	888	
113	9.416 180	28	9.431 467	30	0.568 533	9.984 713	2	887	
		28		30			2		
114	9.416 208		9.431 497		0.568 503	9.984 711		886	
115	9.416 236	28	9.431 527	30	0.568 473	9.984 709	2	885	
116	9.416 264	28	9.431 557	30	0.568 443	9.984 707	2	884	
		29		30			2		
117	9.416 293		9.431 587		0.568 413	9.984 705		883	
118	9.416 321	28	9.431 617	30	0.568 383	9.984 703	2	882	
119	9.416 349	28	9.431 648	31	0.568 352	9.984 701	2	881	
		28		30			2		
.120	9.416 377		9.431 678		0.568 322	9.984 699		**.880**	
		28		30			2		
121	9.416 405		9.431 708		0.568 292	9.984 697		879	
122	9.416 433	28	9.431 738	30	0.568 262	9.984 695	2	878	
123	9.416 461	28	9.431 768	30	0.568 232	9.984 693	2	877	
		28		30			2		
124	9.416 489		9.431 798		0.568 202	9.984 691		876	
125	9.416 517	28	9.431 828	30	0.568 172	9.984 689	2	875	
126	9.416 545	28	9.431 858	30	0.568 142	9.984 687	2	874	
		28		30			2		
127	9.416 573		9.431 888		0.568 112	9.984 685		873	
128	9.416 601	28	9.431 918	30	0.568 082	9.984 683	2	872	
129	9.416 629	28	9.431 949	31	0.568 051	9.984 681	2	871	
		28		30			2		
.130	9.416 657		9.431 979		0.568 021	9.984 679		**.870**	
		28		30			3		
131	9.416 685		9.432 009		0.567 991	9.984 676		869	
132	9.416 713	28	9.432 039	30	0.567 961	9.984 674	2	868	
133	9.416 741	28	9.432 069	30	0.567 931	9.984 672	2	867	
		28		30			2		
134	9.416 769		9.432 099		0.567 901	9.984 670		866	
135	9.416 797	28	9.432 129	30	0.567 871	9.984 668	2	865	
136	9.416 825	28	9.432 159	30	0.567 841	9.984 666	2	864	
		28		30			2		
137	9.416 853		9.432 189		0.567 811	9.984 664		863	
138	9.416 881	28	9.432 219	30	0.567 781	9.984 662	2	862	
139	9.416 909	28	9.432 249	30	0.567 751	9.984 660	2	861	
		28		30			2		
.140	9.416 937		9.432 279		0.567 721	9.984 658		**.860**	
		28		30			2		
141	9.416 965		9.432 309		0.567 691	9.984 656		859	
142	9.416 993	28	9.432 339	30	0.567 661	9.984 654	2	858	
143	9.417 021	28	9.432 370	31	0.567 630	9.984 652	2	857	
		28		30			2		
144	9.417 049		9.432 400		0.567 600	9.984 650		856	
145	9.417 077	28	9.432 430	30	0.567 570	9.984 648	2	855	
146	9.417 105	28	9.432 460	30	0.567 540	9.984 646	2	854	
		28		30			2		
147	9.417 133		9.432 490		0.567 510	9.984 644		853	
148	9.417 161	28	9.432 520	30	0.567 480	9.984 642	2	852	
149	9.417 189	28	9.432 550	30	0.567 450	9.984 640	2	851	
		28		30			2		
.150	9.417 217		9.432 580		0.567 420	9.984 638		**.850**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

74°.900 — 74°.850

15°.150 — 15°.200

15°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.417 217		9.432 580		0.567 420	9.984 638		.850	
		28		30			3		
151	9.417 245		9.432 610		0.567 390	9.984 635		849	
		28		30			2		31
152	9.417 273		9.432 640		0.567 360	9.984 633		848	
		28		30			2		1 3.1
153	9.417 301		9.432 670		0.567 330	9.984 631		847	2 6.2
		28		30			2		3 9.3
154	9.417 329		9.432 700		0.567 300	9.984 629		846	4 12.4
		28		30			2		5 15.5
155	9.417 357		9.432 730		0.567 270	9.984 627		845	6 18.6
		28		30			2		7 21.7
156	9.417 385		9.432 760		0.567 240	9.984 625		844	8 24.8
		28		30			2		9 27.9
157	9.417 413		9.432 790		0.567 210	9.984 623		843	
		28		30			2		
158	9.417 441		9.432 820		0.567 180	9.984 621		842	
		28		30			2		
159	9.417 469		9.432 850		0.567 150	9.984 619		841	
		28		30			2		
.160	9.417 497		9.432 880		0.567 120	9.984 617		.840	
		28		30			2		
161	9.417 525		9.432 910		0.567 090	9.984 615		839	
		28		30			2		30
162	9.417 553		9.432 940		0.567 060	9.984 613		838	
		28		30			2		1 3.0
163	9.417 581		9.432 970		0.567 030	9.984 611		837	2 6.0
		28		30			2		3 9.0
164	9.417 609		9.433 000		0.567 000	9.984 609		836	4 12.0
		28		30			2		5 15.0
165	9.417 637		9.433 030		0.566 970	9.984 607		835	6 18.0
		28		30			2		7 21.0
166	9.417 665		9.433 060		0.566 940	9.984 605		834	8 24.0
		28		30			2		9 27.0
167	9.417 693		9.433 090		0.566 910	9.984 603		833	
		28		30			2		
168	9.417 721		9.433 120		0.566 880	9.984 601		832	
		28		30			2		
169	9.417 749		9.433 150		0.566 850	9.984 599		831	
		28		30			3		
.170	9.417 777		9.433 180		0.566 820	9.984 596		.830	
		28		30			2		
171	9.417 805		9.433 210		0.566 790	9.984 594		829	
		28		31			2		29
172	9.417 833		9.433 241		0.566 759	9.984 592		828	
		28		30			2		1 2.9
173	9.417 861		9.433 271		0.566 729	9.984 590		827	2 5.8
		28		30			2		3 8.7
174	9.417 889		9.433 301		0.566 699	9.984 588		826	4 11.6
		28		30			2		5 14.5
175	9.417 917		9.433 331		0.566 669	9.984 586		825	6 17.4
		28		30			2		7 20.3
176	9.417 945		9.433 361		0.566 639	9.984 584		824	8 23.2
		28		30			2		9 26.1
177	9.417 973		9.433 391		0.566 609	9.984 582		823	
		28		30			2		
178	9.418 001		9.433 421		0.566 579	9.984 580		822	
		27		30			2		
179	9.418 028		9.433 451		0.566 549	9.984 578		821	
		28		30			2		
.180	9.418 056		9.433 481		0.566 519	9.984 576		.820	
		28		30			2		
181	9.418 084		9.433 511		0.566 489	9.984 574		819	
		28		29			2		28
182	9.418 112		9.433 540		0.566 460	9.984 572		818	
		28		30			2		1 2.8
183	9.418 140		9.433 570		0.566 430	9.984 570		817	2 5.6
		28		30			2		3 8.4
184	9.418 168		9.433 600		0.566 400	9.984 568		816	4 11.2
		28		30			2		5 14.0
185	9.418 196		9.433 630		0.566 370	9.984 566		815	6 16.8
		28		30			2		7 19.6
186	9.418 224		9.433 660		0.566 340	9.984 564		814	8 22.4
		28		30			3		9 25.2
187	9.418 252		9.433 690		0.566 310	9.984 561		813	
		28		30			2		
188	9.418 280		9.433 720		0.566 280	9.984 559		812	
		28		30			2		
189	9.418 308		9.433 750		0.566 250	9.984 557		811	
		28		30			2		
.190	9.418 336		9.433 780		0.566 220	9.984 555		.810	
		28		30			2		
191	9.418 364		9.433 810		0.566 190	9.984 553		809	
		28		30			2		27
192	9.418 392		9.433 840		0.566 160	9.984 551		808	
		27		30			2		1 2.7
193	9.418 419		9.433 870		0.566 130	9.984 549		807	2 5.4
		28		30			2		3 8.1
194	9.418 447		9.433 900		0.566 100	9.984 547		806	4 10.8
		28		30			2		5 13.5
195	9.418 475		9.433 930		0.566 070	9.984 545		805	6 16.2
		28		30			2		7 18.9
196	9.418 503		9.433 960		0.566 040	9.984 543		804	8 21.6
		28		30			2		9 24.3
197	9.418 531		9.433 990		0.566 010	9.984 541		803	
		28		30			2		
198	9.418 559		9.434 020		0.565 980	9.984 539		802	
		28		30			2		
199	9.418 587		9.434 050		0.565 950	9.984 537		801	
		28		30			2		
.200	9.418 615		9.434 080		0.565 920	9.984 535		.800	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.850 — 74°.800

15°.200 — 15°.250

15°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.418 615		9.434 080		0.565 920	9.984 535		**.800**	
		28		30			2		
201	9.418 643		9.434 110		0.565 890	9.984 533		799	
		28		30			2		
202	9.418 671		9.434 140		0.565 860	9.984 531		798	
		27		30			2		
203	9.418 698		9.434 170		0.565 830	9.984 529		797	
		28		30			3		
204	9.418 726		9.434 200		0.565 800	9.984 526		796	
		28		30			2		
205	9.418 754		9.434 230		0.565 770	9.984 524		795	
		28		30			2		
206	9.418 782		9.434 260		0.565 740	9.984 522		794	
		28		30			2		
207	9.418 810		9.434 290		0.565 710	9.984 520		793	
		28		30			2		
208	9.418 838		9.434 320		0.565 680	9.984 518		792	
		28		30			2		
209	9.418 866		9.434 350		0.565 650	9.984 516		791	
		28		30			2		
.210	9.418 894		9.434 380		0.565 620	9.984 514		**.790**	
		28		29			2		
211	9.418 922		9.434 409		0.565 591	9.984 512		789	
		27		30			2		
212	9.418 949		9.434 439		0.565 561	9.984 510		788	
		28		30			2		
213	9.418 977		9.434 469		0.565 531	9.984 508		787	
		28		30			2		
214	9.419 005		9.434 499		0.565 501	9.984 506		786	
		28		30			2		
215	9.419 033		9.434 529		0.565 471	9.984 504		785	
		28		30			2		
216	9.419 061		9.434 559		0.565 441	9.984 502		784	
		28		30			2		
217	9.419 089		9.434 589		0.565 411	9.984 500		783	
		28		30			2		
218	9.419 117		9.434 619		0.565 381	9.984 498		782	
		27		30			2		
219	9.419 144		9.434 649		0.565 351	9.984 496		781	
		28		30			2		
.220	9.419 172		9.434 679		0.565 321	9.984 494		**.780**	
		28		30			3		
221	9.419 200		9.434 709		0.565 291	9.984 491		779	
		28		30			2		
222	9.419 228		9.434 739		0.565 261	9.984 489		778	
		28		30			2		
223	9.419 256		9.434 769		0.565 231	9.984 487		777	
		28		30			2		
224	9.419 284		9.434 799		0.565 201	9.984 485		776	
		28		29			2		
225	9.419 312		9.434 828		0.565 172	9.984 483		775	
		27		30			2		
226	9.419 339		9.434 858		0.565 142	9.984 481		774	
		28		30			2		
227	9.419 367		9.434 888		0.565 112	9.984 479		773	
		28		30			2		
228	9.419 395		9.434 918		0.565 082	9.984 477		772	
		28		30			2		
229	9.419 423		9.434 948		0.565 052	9.984 475		771	
		28		30			2		
.230	9.419 451		9.434 978		0.565 022	9.984 473		**.770**	
		28		30			2		
231	9.419 479		9.435 008		0.564 992	9.984 471		769	
		28		30			2		
232	9.419 507		9.435 038		0.564 962	9.984 469		768	
		27		30			2		
233	9.419 534		9.435 068		0.564 932	9.984 467		767	
		28		30			2		
234	9.419 562		9.435 098		0.564 902	9.984 465		766	
		28		29			2		
235	9.419 590		9.435 127		0.564 873	9.984 463		765	
		28		30			2		
236	9.419 618		9.435 157		0.564 843	9.984 461		764	
		28		30			3		
237	9.419 646		9.435 187		0.564 813	9.984 458		763	
		28		30			2		
238	9.419 674		9.435 217		0.564 783	9.984 456		762	
		27		30			2		
239	9.419 701		9.435 247		0.564 753	9.984 454		761	
		28		30			2		
.240	9.419 729		9.435 277		0.564 723	9.984 452		**.760**	
		28		30			2		
241	9.419 757		9.435 307		0.564 693	9.984 450		759	
		28		30			2		
242	9.419 785		9.435 337		0.564 663	9.984 448		758	
		28		30			2		
243	9.419 813		9.435 367		0.564 633	9.984 446		757	
		27		29			2		
244	9.419 840		9.435 396		0.564 604	9.984 444		756	
		28		30			2		
245	9.419 868		9.435 426		0.564 574	9.984 442		755	
		28		30			2		
246	9.419 896		9.435 456		0.564 544	9.984 440		754	
		28		30			2		
247	9.419 924		9.435 486		0.564 514	9.984 438		753	
		28		30			2		
248	9.419 952		9.435 516		0.564 484	9.984 436		752	
		27		30			2		
249	9.419 979		9.435 546		0.564 454	9.984 434		751	
		28		30			2		
.250	9.420 007		9.435 576		0.564 424	9.984 432		**.750**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

74°.800 — 74°.750

15°.250 — 15°.300

15°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.420 007		9.435 576		0.564 424	9.984 432		**.750**	
		28		30			2		
251	9.420 035		9.435 606		0.564 394	9.984 430		749	
252	9.420 063	28	9.435 635	29	0.564 365	9.984 427	3	748	
253	9.420 091	28	9.435 665	30	0.564 335	9.984 425	2	747	
		27		30			2		30
254	9.420 118		9.435 695		0.564 305	9.984 423		746	
255	9.420 146	28	9.435 725	30	0.564 275	9.984 421	2	745	1 3.0
256	9.420 174	28	9.435 755	30	0.564 245	9.984 419	2	744	2 6.0
		28		30			2		3 9.0
257	9.420 202		9.435 785		0.564 215	9.984 417		743	4 12.0
258	9.420 230	28	9.435 815	30	0.564 185	9.984 415	2	742	5 15.0
259	9.420 257	27	9.435 844	29	0.564 156	9.984 413	2	741	6 18.0
		28		30			2		7 21.0
.260	9.420 285		9.435 874		0.564 126	9.984 411		**.740**	8 24.0
		28		30			2		9 27.0
261	9.420 313		9.435 904		0.564 096	9.984 409		739	
262	9.420 341	28	9.435 934	30	0.564 066	9.984 407	2	738	
263	9.420 369	28	9.435 964	30	0.564 036	9.984 405	2	737	
		27		30			2		
264	9.420 396		9.435 994		0.564 006	9.984 403		736	
265	9.420 424	28	9.436 024	30	0.563 976	9.984 401	2	735	29
266	9.420 452	28	9.436 053	29	0.563 947	9.984 399	2	734	
		28		30			3		1 2.9
267	9.420 480		9.436 083		0.563 917	9.984 396		733	2 5.8
268	9.420 507	27	9.436 113	30	0.563 887	9.984 394	2	732	3 8.7
269	9.420 535	28	9.436 143	30	0.563 857	9.984 392	2	731	4 11.6
		28		30			2		5 14.5
.270	9.420 563		9.436 173		0.563 827	9.984 390		**.730**	6 17.4
		28		30			2		7 20.3
271	9.420 591		9.436 203		0.563 797	9.984 388		729	8 23.2
272	9.420 618	27	9.436 232	29	0.563 768	9.984 386	2	728	9 26.1
273	9.420 646	28	9.436 262	30	0.563 738	9.984 384	2	727	
		28		30			2		
274	9.420 674		9.436 292		0.563 708	9.984 382		726	
275	9.420 702	28	9.436 322	30	0.563 678	9.984 380	2	725	
276	9.420 730	28	9.436 352	30	0.563 648	9.984 378	2	724	
		27		30			2		
277	9.420 757		9.436 382		0.563 618	9.984 376		723	28
278	9.420 785	28	9.436 411	29	0.563 589	9.984 374	2	722	
279	9.420 813	28	9.436 441	30	0.563 559	9.984 372	2	721	1 2.8
		28		30			2		2 5.6
.280	9.420 841		9.436 471		0.563 529	9.984 370		**.720**	3 8.4
		27		30			3		4 11.2
281	9.420 868		9.436 501		0.563 499	9.984 367		719	5 14.0
282	9.420 896	28	9.436 531	30	0.563 469	9.984 365	2	718	6 16.8
283	9.420 924	28	9.436 560	29	0.563 440	9.984 363	2	717	7 19.6
		27		30			2		8 22.4
284	9.420 951		9.436 590		0.563 410	9.984 361		716	9 25.2
285	9.420 979	28	9.436 620	30	0.563 380	9.984 359	2	715	
286	9.421 007	28	9.436 650	30	0.563 350	9.984 357	2	714	
		28		30			2		
287	9.421 035		9.436 680		0.563 320	9.984 355		713	
288	9.421 062	27	9.436 709	29	0.563 291	9.984 353	2	712	
289	9.421 090	28	9.436 739	30	0.563 261	9.984 351	2	711	27
		28		30			2		
.290	9.421 118		9.436 769		0.563 231	9.984 349		**.710**	1 2.7
		28		30			2		2 5.4
291	9.421 146		9.436 799		0.563 201	9.984 347		709	3 8.1
292	9.421 173	27	9.436 829	30	0.563 171	9.984 345	2	708	4 10.8
293	9.421 201	28	9.436 858	29	0.563 142	9.984 343	2	707	5 13.5
		28		30			2		6 16.2
294	9.421 229		9.436 888		0.563 112	9.984 341		706	7 18.9
295	9.421 256	27	9.436 918	30	0.563 082	9.984 338	3	705	8 21.6
296	9.421 284	28	9.436 948	30	0.563 052	9.984 336	2	704	9 24.3
		28		30			2		
297	9.421 312		9.436 978		0.563 022	9.984 334		703	
298	9.421 340	28	9.437 007	29	0.562 993	9.984 332	2	702	
299	9.421 367	27	9.437 037	30	0.562 963	9.984 330	2	701	
		28		30			2		
.300	9.421 395		9.437 067		0.562 933	9.984 328		**.700**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

74°.750 — 74°.700

15°.300 — 15°.350

15°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.421 395		9.437 067		0.562 933	9.984 328		.700	
		28		30			2		
301	9.421 423		9.437 097		0.562 903	9.984 326		699	
302	9.421 450	27	9.437 127	30	0.562 873	9.984 324	2	698	
303	9.421 478	28	9.437 156	29	0.562 844	9.984 322	2	697	
		28		30			2		
304	9.421 506		9.437 186		0.562 814	9.984 320		696	
305	9.421 534	28	9.437 216	30	0.562 784	9.984 318	2	695	
306	9.421 561	27	9.437 246	30	0.562 754	9.984 316	2	694	
		28		29			2		
307	9.421 589		9.437 275		0.562 725	9.984 314		693	
308	9.421 617	28	9.437 305	30	0.562 695	9.984 311	3	692	
309	9.421 644	27	9.437 335	30	0.562 665	9.984 309	2	691	
		28		30			2		
.310	9.421 672		9.437 365		0.562 635	9.984 307		.690	
		28		29			2		
311	9.421 700		9.437 394		0.562 606	9.984 305		689	
312	9.421 727	27	9.437 424	30	0.562 576	9.984 303	2	688	
313	9.421 755	28	9.437 454	30	0.562 546	9.984 301	2	687	
		28		30			2		
314	9.421 783		9.437 484		0.562 516	9.984 299		686	
315	9.421 810	27	9.437 513	29	0.562 487	9.984 297	2	685	
316	9.421 838	28	9.437 543	30	0.562 457	9.984 295	2	684	
		28		30			2		
317	9.421 866		9.437 573		0.562 427	9.984 293		683	
318	9.421 893	27	9.437 603	30	0.562 397	9.984 291	2	682	
319	9.421 921	28	9.437 632	29	0.562 368	9.984 289	2	681	
		28		30			2		
.320	9.421 949		9.437 662		0.562 338	9.984 287		.680	
		27		30			2		
321	9.421 976		9.437 692		0.562 308	9.984 285		679	
322	9.422 004	28	9.437 722	30	0.562 278	9.984 282	3	678	
323	9.422 032	28	9.437 751	29	0.562 249	9.984 280	2	677	
		27		30			2		
324	9.422 059		9.437 781		0.562 219	9.984 278		676	
325	9.422 087	28	9.437 811	30	0.562 189	9.984 276	2	675	
326	9.422 115	28	9.437 841	30	0.562 159	9.984 274	2	674	
		27		29			2		
327	9.422 142		9.437 870		0.562 130	9.984 272		673	
328	9.422 170	28	9.437 900	30	0.562 100	9.984 270	2	672	
329	9.422 198	28	9.437 930	30	0.562 070	9.984 268	2	671	
		27		30			2		
.330	9.422 225		9.437 960		0.562 040	9.984 266		.670	
		28		29			2		
331	9.422 253		9.437 989		0.562 011	9.984 264		669	
332	9.422 281	28	9.438 019	30	0.561 981	9.984 262	2	668	
333	9.422 308	27	9.438 049	30	0.561 951	9.984 260	2	667	
		28		29			2		
334	9.422 336		9.438 078		0.561 922	9.984 258		666	
335	9.422 364	28	9.438 108	30	0.561 892	9.984 255	3	665	
336	9.422 391	27	9.438 138	30	0.561 862	9.984 253	2	664	
		28		30			2		
337	9.422 419		9.438 168		0.561 832	9.984 251		663	
338	9.422 447	28	9.438 197	29	0.561 803	9.984 249	2	662	
339	9.422 474	27	9.438 227	30	0.561 773	9.984 247	2	661	
		28		30			2		
.340	9.422 502		9.438 257		0.561 743	9.984 245		.660	
		27		29			2		
341	9.422 529		9.438 286		0.561 714	9.984 243		659	
342	9.422 557	28	9.438 316	30	0.561 684	9.984 241	2	658	
343	9.422 585	28	9.438 346	30	0.561 654	9.984 239	2	657	
		27		30			2		
344	9.422 612		9.438 376		0.561 624	9.984 237		656	
345	9.422 640	28	9.438 405	29	0.561 595	9.984 235	2	655	
346	9.422 668	28	9.438 435	30	0.561 565	9.984 233	2	654	
		27		30			3		
347	9.422 695		9.438 465		0.561 535	9.984 230		653	
348	9.422 723	28	9.438 494	29	0.561 506	9.984 228	2	652	
349	9.422 750	27	9.438 524	30	0.561 476	9.984 226	2	651	
		28		30			2		
.350	9.422 778		9.438 554		0.561 446	9.984 224		.650	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

74°.700 — 74°.650

15°.350 — 15°.400

15°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.422 778		9.438 554		0.561 446	9.984 224		.650	
		28		29			2		
351	9.422 806		9.438 583		0.561 417	9.984 222		649	
		27		30			2		
352	9.422 833		9.438 613		0.561 387	9.984 220		648	
		28		30			2		
353	9.422 861		9.438 643		0.561 357	9.984 218		647	
		27		30			2		
354	9.422 888		9.438 673		0.561 327	9.984 216		646	
		28		29			2		
355	9.422 916		9.438 702		0.561 298	9.984 214		645	
		28		30			2		
356	9.422 944		9.438 732		0.561 268	9.984 212		644	
		27		30			2		
357	9.422 971		9.438 762		0.561 238	9.984 210		643	
		28		29			2		
358	9.422 999		9.438 791		0.561 209	9.984 208		642	
		27		30			3		
359	9.423 026		9.438 821		0.561 179	9.984 205		641	
		28		30			2		
.360	9.423 054		9.438 851		0.561 149	9.984 203		.640	
		28		29			2		
361	9.423 082		9.438 880		0.561 120	9.984 201		639	
		27		30			2		
362	9.423 109		9.438 910		0.561 090	9.984 199		638	
		28		30			2		
363	9.423 137		9.438 940		0.561 060	9.984 197		637	
		27		29			2		
364	9.423 164		9.438 969		0.561 031	9.984 195		636	
		28		30			2		
365	9.423 192		9.438 999		0.561 001	9.984 193		635	
		28		30			2		
366	9.423 220		9.439 029		0.560 971	9.984 191		634	
		27		29			2		
367	9.423 247		9.439 058		0.560 942	9.984 189		633	
		28		30			2		
368	9.423 275		9.439 088		0.560 912	9.984 187		632	
		27		30			2		
369	9.423 302		9.439 118		0.560 882	9.984 185		631	
		28		29			2		
.370	9.423 330		9.439 147		0.560 853	9.984 183		.630	
		27		30			2		
371	9.423 357		9.439 177		0.560 823	9.984 181		629	
		28		30			3		
372	9.423 385		9.439 207		0.560 793	9.984 178		628	
		28		29			2		
373	9.423 413		9.439 236		0.560 764	9.984 176		627	
		27		30			2		
374	9.423 440		9.439 266		0.560 734	9.984 174		626	
		28		30			2		
375	9.423 468		9.439 296		0.560 704	9.984 172		625	
		27		29			2		
376	9.423 495		9.439 325		0.560 675	9.984 170		624	
		28		30			2		
377	9.423 523		9.439 355		0.560 645	9.984 168		623	
		27		30			2		
378	9.423 550		9.439 385		0.560 615	9.984 166		622	
		28		29			2		
379	9.423 578		9.439 414		0.560 586	9.984 164		621	
		28		30			2		
.380	9.423 606		9.439 444		0.560 556	9.984 162		.620	
		27		29			2		
381	9.423 633		9.439 473		0.560 527	9.984 160		619	
		28		30			2		
382	9.423 661		9.439 503		0.560 497	9.984 158		618	
		27		30			3		
383	9.423 688		9.439 533		0.560 467	9.984 155		617	
		28		29			2		
384	9.423 716		9.439 562		0.560 438	9.984 153		616	
		27		30			2		
385	9.423 743		9.439 592		0.560 408	9.984 151		615	
		28		30			2		
386	9.423 771		9.439 622		0.560 378	9.984 149		614	
		27		29			2		
387	9.423 798		9.439 651		0.560 349	9.984 147		613	
		28		30			2		
388	9.423 826		9.439 681		0.560 319	9.984 145		612	
		27		30			2		
389	9.423 853		9.439 711		0.560 289	9.984 143		611	
		28		29			2		
.390	9.423 881		9.439 740		0.560 260	9.984 141		.610	
		28		30			2		
391	9.423 909		9.439 770		0.560 230	9.984 139		609	
		27		29			2		
392	9.423 936		9.439 799		0.560 201	9.984 137		608	
		28		30			2		
393	9.423 964		9.439 829		0.560 171	9.984 135		607	
		27		30			2		
394	9.423 991		9.439 859		0.560 141	9.984 133		606	
		28		29			3		
395	9.424 019		9.439 888		0.560 112	9.984 130		605	
		27		30			2		
396	9.424 046		9.439 918		0.560 082	9.984 128		604	
		28		29			2		
397	9.424 074		9.439 947		0.560 053	9.984 126		603	
		27		30			2		
398	9.424 101		9.439 977		0.560 023	9.984 124		602	
		28		30			2		
399	9.424 129		9.440 007		0.559 993	9.984 122		601	
		27		29			2		
.400	9.424 156		9.440 036		0.559 964	9.984 120		.600	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

74°.650 — 74°.600

15°.400 — 15°.450

15°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.424 156		9.440 036		0.559 964	9.984 120		**.600**	
		28		30			2		
401	9.424 184		9.440 066		0.559 934	9.984 118		599	
402	9.424 211	27	9.440 096	30	0.559 904	9.984 116	2	598	
403	9.424 239	28	9.440 125	29	0.559 875	9.984 114	2	597	
		27		30			2		
404	9.424 266		9.440 155		0.559 845	9.984 112		596	
405	9.424 294	28	9.440 184	29	0.559 816	9.984 110	2	595	
406	9.424 321	27	9.440 214	30	0.559 786	9.984 107	3	594	
		28		30			2		
407	9.424 349		9.440 244		0.559 756	9.984 105		593	
408	9.424 376	27	9.440 273	29	0.559 727	9.984 103	2	592	
409	9.424 404	28	9.440 303	30	0.559 697	9.984 101	2	591	
		27		29			2		
.410	9.424 431		9.440 332		0.559 668	9.984 099		**.590**	
		28		30			2		
411	9.424 459		9.440 362		0.559 638	9.984 097		589	
412	9.424 486	27	9.440 391	29	0.559 609	9.984 095	2	588	
413	9.424 514	28	9.440 421	30	0.559 579	9.984 093	2	587	
		27		30			2		
414	9.424 541		9.440 451		0.559 549	9.984 091		586	
415	9.424 569	28	9.440 480	29	0.559 520	9.984 089	2	585	
416	9.424 596	27	9.440 510	30	0.559 490	9.984 087	2	584	
		28		29			3		
417	9.424 624		9.440 539		0.559 461	9.984 084		583	
418	9.424 651	27	9.440 569	30	0.559 431	9.984 082	2	582	
419	9.424 679	28	9.440 599	30	0.559 401	9.984 080	2	581	
		27		29			2		
.420	9.424 706		9.440 628		0.559 372	9.984 078		**.580**	
		28		30			2		
421	9.424 734		9.440 658		0.559 342	9.984 076		579	
422	9.424 761	27	9.440 687	29	0.559 313	9.984 074	2	578	
423	9.424 789	28	9.440 717	30	0.559 283	9.984 072	2	577	
		27		29			2		
424	9.424 816		9.440 746		0.559 254	9.984 070		576	
425	9.424 844	28	9.440 776	30	0.559 224	9.984 068	2	575	
426	9.424 871	27	9.440 805	29	0.559 195	9.984 066	2	574	
		28		30			2		
427	9.424 899		9.440 835		0.559 165	9.984 064		573	
428	9.424 926	27	9.440 865	30	0.559 135	9.984 061	3	572	
429	9.424 954	28	9.440 894	29	0.559 106	9.984 059	2	571	
		27		30			2		
.430	9.424 981		9.440 924		0.559 076	9.984 057		**.570**	
		27		29			2		
431	9.425 008		9.440 953		0.559 047	9.984 055		569	
432	9.425 036	28	9.440 983	30	0.559 017	9.984 053	2	568	
433	9.425 063	27	9.441 012	29	0.558 988	9.984 051	2	567	
		28		30			2		
434	9.425 091		9.441 042		0.558 958	9.984 049		566	
435	9.425 118	27	9.441 071	29	0.558 929	9.984 047	2	565	
436	9.425 146	28	9.441 101	30	0.558 899	9.984 045	2	564	
		27		30			2		
437	9.425 173		9.441 131		0.558 869	9.984 043		563	
438	9.425 201	28	9.441 160	29	0.558 840	9.984 041	2	562	
439	9.425 228	27	9.441 190	30	0.558 810	9.984 038	3	561	
		28		29			2		
.440	9.425 256		9.441 219		0.558 781	9.984 036		**.560**	
		27		30			2		
441	9.425 283		9.441 249		0.558 751	9.984 034		559	
442	9.425 310	27	9.441 278	29	0.558 722	9.984 032	2	558	
443	9.425 338	28	9.441 308	30	0.558 692	9.984 030	2	557	
		27		29			2		
444	9.425 365		9.441 337		0.558 663	9.984 028		556	
445	9.425 393	28	9.441 367	30	0.558 633	9.984 026	2	555	
446	9.425 420	27	9.441 396	29	0.558 604	9.984 024	2	554	
		28		30			2		
447	9.425 448		9.441 426		0.558 574	9.984 022		553	
448	9.425 475	27	9.441 455	29	0.558 545	9.984 020	2	552	
449	9.425 502	27	9.441 485	30	0.558 515	9.984 018	2	551	
		28		29			3		
.450	9.425 530		9.441 514		0.558 486	9.984 015		**.550**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

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6	17.4
7	20.3
8	23.2
9	26.1

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1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

74°.600 — 74°.550

15°.450 — 15°.500

15°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.425 530		9.441 514		0.558 486	9.984 015		**.550**	
		27		30			2		
451	9.425 557		9.441 544		0.558 456	9.984 013		549	
		28		29			2		
452	9.425 585		9.441 573		0.558 427	9.984 011		548	
		27		30			2		
453	9.425 612		9.441 603		0.558 397	9.984 009		547	
		28		30			2		
454	9.425 640		9.441 633		0.558 367	9.984 007		546	
		27		29			2		
455	9.425 667		9.441 662		0.558 338	9.984 005		545	
		27		30			2		
456	9.425 694		9.441 692		0.558 308	9.984 003		544	
		28		29			2		
457	9.425 722		9.441 721		0.558 279	9.984 001		543	
		27		30			2		
458	9.425 749		9.441 751		0.558 249	9.983 999		542	
		28		29			2		
459	9.425 777		9.441 780		0.558 220	9.983 997		541	
		27		30			3		
.460	9.425 804		9.441 810		0.558 190	9.983 994		**.540**	
		27		29			2		
461	9.425 831		9.441 839		0.558 161	9.983 992		539	
		28		30			2		
462	9.425 859		9.441 869		0.558 131	9.983 990		538	
		27		29			2		
463	9.425 886		9.441 898		0.558 102	9.983 988		537	
		28		30			2		
464	9.425 914		9.441 928		0.558 072	9.983 986		536	
		27		29			2		
465	9.425 941		9.441 957		0.558 043	9.983 984		535	
		27		30			2		
466	9.425 968		9.441 987		0.558 013	9.983 982		534	
		28		29			2		
467	9.425 996		9.442 016		0.557 984	9.983 980		533	
		27		30			2		
468	9.426 023		9.442 046		0.557 954	9.983 978		532	
		28		29			2		
469	9.426 051		9.442 075		0.557 925	9.983 976		531	
		27		30			2		
.470	9.426 078		9.442 105		0.557 895	9.983 974		**.530**	
		27		29			3		
471	9.426 105		9.442 134		0.557 866	9.983 971		529	
		28		29			2		
472	9.426 133		9.442 163		0.557 837	9.983 969		528	
		27		30			2		
473	9.426 160		9.442 193		0.557 807	9.983 967		527	
		28		29			2		
474	9.426 188		9.442 222		0.557 778	9.983 965		526	
		27		30			2		
475	9.426 215		9.442 252		0.557 748	9.983 963		525	
		27		29			2		
476	9.426 242		9.442 281		0.557 719	9.983 961		524	
		28		30			2		
477	9.426 270		9.442 311		0.557 689	9.983 959		523	
		27		29			2		
478	9.426 297		9.442 340		0.557 660	9.983 957		522	
		27		30			2		
479	9.426 324		9.442 370		0.557 630	9.983 955		521	
		28		29			2		
.480	9.426 352		9.442 399		0.557 601	9.983 953		**.520**	
		27		30			3		
481	9.426 379		9.442 429		0.557 571	9.983 950		519	
		28		29			2		
482	9.426 407		9.442 458		0.557 542	9.983 948		518	
		27		30			2		
483	9.426 434		9.442 488		0.557 512	9.983 946		517	
		27		29			2		
484	9.426 461		9.442 517		0.557 483	9.983 944		516	
		28		30			2		
485	9.426 489		9.442 547		0.557 453	9.983 942		515	
		27		29			2		
486	9.426 516		9.442 576		0.557 424	9.983 940		514	
		27		30			2		
487	9.426 543		9.442 606		0.557 394	9.983 938		513	
		28		29			2		
488	9.426 571		9.442 635		0.557 365	9.983 936		512	
		27		29			2		
489	9.426 598		9.442 664		0.557 336	9.983 934		511	
		27		30			2		
.490	9.426 625		9.442 694		0.557 306	9.983 932		**.510**	
		28		29			3		
491	9.426 653		9.442 723		0.557 277	9.983 929		509	
		27		30			2		
492	9.426 680		9.442 753		0.557 247	9.983 927		508	
		27		29			2		
493	9.426 707		9.442 782		0.557 218	9.983 925		507	
		28		30			2		
494	9.426 735		9.442 812		0.557 188	9.983 923		506	
		27		29			2		
495	9.426 762		9.442 841		0.557 159	9.983 921		505	
		27		30			2		
496	9.426 789		9.442 871		0.557 129	9.983 919		504	
		28		29			2		
497	9.426 817		9.442 900		0.557 100	9.983 917		503	
		27		29			2		
498	9.426 844		9.442 929		0.557 071	9.983 915		502	
		27		30			2		
499	9.426 871		9.442 959		0.557 041	9.983 913		501	
		28		29			2		
.500	9.426 899		9.442 988		0.557 012	9.983 911		**.500**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

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1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

74°.550 — 74°.500

15°.500 — 15°.550

15°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.426 899		9.442 988		0.557 012	9.983 911		**.500**	
		27		30			3		
501	9.426 926		9.443 018		0.556 982	9.983 908		499	
502	9.426 953	27	9.443 047	29	0.556 953	9.983 906	2	498	
503	9.426 981	28	9.443 077	30	0.556 923	9.983 904	2	497	
		27		29			2		30
504	9.427 008		9.443 106		0.556 894	9.983 902		496	1 3.0
505	9.427 035	27	9.443 135	29	0.556 865	9.983 900	2	495	2 6.0
506	9.427 063	28	9.443 165	30	0.556 835	9.983 898	2	494	3 9.0
		27		29			2		4 12.0
507	9.427 090		9.443 194		0.556 806	9.983 896		493	5 15.0
508	9.427 117	27	9.443 224	30	0.556 776	9.983 894	2	492	6 18.0
509	9.427 145	28	9.443 253	29	0.556 747	9.983 892	2	491	7 21.0
		27		30			3		8 24.0
.510	9.427 172		9.443 283		0.556 717	9.983 889		**.490**	9 27.0
		27		29			2		
511	9.427 199		9.443 312		0.556 688	9.983 887		489	
512	9.427 227	28	9.443 341	29	0.556 659	9.983 885	2	488	
513	9.427 254	27	9.443 371	30	0.556 629	9.983 883	2	487	
		27		29			2		
514	9.427 281		9.443 400		0.556 600	9.983 881		486	
515	9.427 309	28	9.443 430	30	0.556 570	9.983 879	2	485	
516	9.427 336	27	9.443 459	29	0.556 541	9.983 877	2	484	29
		27		29			2		
517	9.427 363		9.443 488		0.556 512	9.983 875		483	1 2.9
518	9.427 391	28	9.443 518	30	0.556 482	9.983 873	2	482	2 5.8
519	9.427 418	27	9.443 547	29	0.556 453	9.983 871	2	481	3 8.7
		27		30			3		4 11.6
.520	9.427 445		9.443 577		0.556 423	9.983 868		**.480**	5 14.5
		27		29			2		6 17.4
521	9.427 472		9.443 606		0.556 394	9.983 866		479	7 20.3
522	9.427 500	28	9.443 635	29	0.556 365	9.983 864	2	478	8 23.2
523	9.427 527	27	9.443 665	30	0.556 335	9.983 862	2	477	9 26.1
		27		29			2		
524	9.427 554		9.443 694		0.556 306	9.983 860		476	
525	9.427 582	28	9.443 724	30	0.556 276	9.983 858	2	475	
526	9.427 609	27	9.443 753	29	0.556 247	9.983 856	2	474	
		27		29			2		
527	9.427 636		9.443 782		0.556 218	9.983 854		473	28
528	9.427 663	27	9.443 812	30	0.556 188	9.983 852	2	472	
529	9.427 691	28	9.443 841	29	0.556 159	9.983 849	3	471	1 2.8
		27		30			2		2 5.6
.530	9.427 718		9.443 871		0.556 129	9.983 847		**.470**	3 8.4
		27		29			2		4 11.2
531	9.427 745		9.443 900		0.556 100	9.983 845		469	5 14.0
532	9.427 773	28	9.443 929	29	0.556 071	9.983 843	2	468	6 16.8
533	9.427 800	27	9.443 959	30	0.556 041	9.983 841	2	467	7 19.6
		27		29			2		8 22.4
534	9.427 827		9.443 988		0.556 012	9.983 839		466	9 25.2
535	9.427 854	27	9.444 017	29	0.555 983	9.983 837	2	465	
536	9.427 882	28	9.444 047	30	0.555 953	9.983 835	2	464	
		27		29			2		
537	9.427 909		9.444 076		0.555 924	9.983 833		463	
538	9.427 936	27	9.444 106	30	0.555 894	9.983 831	2	462	
539	9.427 963	27	9.444 135	29	0.555 865	9.983 828	3	461	27
		28		29			2		
.540	9.427 991		9.444 164		0.555 836	9.983 826		**.460**	1 2.7
		27		30			2		2 5.4
541	9.428 018		9.444 194		0.555 806	9.983 824		459	3 8.1
542	9.428 045	27	9.444 223	29	0.555 777	9.983 822	2	458	4 10.8
543	9.428 072	27	9.444 252	29	0.555 748	9.983 820	2	457	5 13.5
		28		30			2		6 16.2
544	9.428 100		9.444 282		0.555 718	9.983 818		456	7 18.9
545	9.428 127	27	9.444 311	29	0.555 689	9.983 816	2	455	8 21.6
546	9.428 154	27	9.444 340	29	0.555 660	9.983 814	2	454	9 24.3
		27		30			2		
547	9.428 181		9.444 370		0.555 630	9.983 812		453	
548	9.428 209	28	9.444 399	29	0.555 601	9.983 809	3	452	
549	9.428 236	27	9.444 429	30	0.555 571	9.983 807	2	451	
		27		29			2		
.550	9.428 263		9.444 458		0.555 542	9.983 805		**.450**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

74°.500 — 74°.450

15°.550 — 15°.600

15°	sin	d	tang	d	cotg	cos	d		P.P.
·550	9·428 263		9·444 458		0·555 542	9·983 805		**·450**	
		27		29			2		
551	9·428 290		9·444 487		0·555 513	9·983 803		449	
		28		30			2		
552	9·428 318		9·444 517		0·555 483	9·983 801		448	
		27		29			2		
553	9·428 345		9·444 546		0·555 454	9·983 799		447	
		27		29			2		
554	9·428 372		9·444 575		0·555 425	9·983 797		446	
		27		30			2		
555	9·428 399		9·444 605		0·555 395	9·983 795		445	
		28		29			2		
556	9·428 427		9·444 634		0·555 366	9·983 793		444	
		27		29			3		
557	9·428 454		9·444 663		0·555 337	9·983 790		443	
		27		30			2		
558	9·428 481		9·444 693		0·555 307	9·983 788		442	
		27		29			2		
559	9·428 508		9·444 722		0·555 278	9·983 786		441	
		27		29			2		
·560	9·428 535		9·444 751		0·555 249	9·983 784		**·440**	
		28		30			2		
561	9·428 563		9·444 781		0·555 219	9·983 782		439	
		27		29			2		
562	9·428 590		9·444 810		0·555 190	9·983 780		438	
		27		29			2		
563	9·428 617		9·444 839		0·555 161	9·983 778		437	
		27		30			2		
564	9·428 644		9·444 869		0·555 131	9·983 776		436	
		28		29			2		
565	9·428 672		9·444 898		0·555 102	9·983 774		435	
		27		29			3		
566	9·428 699		9·444 927		0·555 073	9·983 771		434	
		27		30			2		
567	9·428 726		9·444 957		0·555 043	9·983 769		433	
		27		29			2		
568	9·428 753		9·444 986		0·555 014	9·983 767		432	
		27		29			2		
569	9·428 780		9·445 015		0·554 985	9·983 765		431	
		28		30			2		
·570	9·428 808		9·445 045		0·554 955	9·983 763		**·430**	
		27		29			2		
571	9·428 835		9·445 074		0·554 926	9·983 761		429	
		27		29			2		
572	9·428 862		9·445 103		0·554 897	9·983 759		428	
		27		29			2		
573	9·428 889		9·445 132		0·554 868	9·983 757		427	
		27		30			2		
574	9·428 916		9·445 162		0·554 838	9·983 755		426	
		28		29			3		
575	9·428 944		9·445 191		0·554 809	9·983 752		425	
		27		29			2		
576	9·428 971		9·445 220		0·554 780	9·983 750		424	
		27		30			2		
577	9·428 998		9·445 250		0·554 750	9·983 748		423	
		27		29			2		
578	9·429 025		9·445 279		0·554 721	9·983 746		422	
		27		29			2		
579	9·429 052		9·445 308		0·554 692	9·983 744		421	
		27		30			2		
·580	9·429 079		9·445 338		0·554 662	9·983 742		**·420**	
		28		29			2		
581	9·429 107		9·445 367		0·554 633	9·983 740		419	
		27		29			2		
582	9·429 134		9·445 396		0·554 604	9·983 738		418	
		27		29			2		
583	9·429 161		9·445 425		0·554 575	9·983 736		417	
		27		30			3		
584	9·429 188		9·445 455		0·554 545	9·983 733		416	
		27		29			2		
585	9·429 215		9·445 484		0·554 516	9·983 731		415	
		28		29			2		
586	9·429 243		9·445 513		0·554 487	9·983 729		414	
		27		30			2		
587	9·429 270		9·445 543		0·554 457	9·983 727		413	
		27		29			2		
588	9·429 297		9·445 572		0·554 428	9·983 725		412	
		27		29			2		
589	9·429 324		9·445 601		0·554 399	9·983 723		411	
		27		29			2		
·590	9·429 351		9·445 630		0·554 370	9·983 721		**·410**	
		27		30			2		
591	9·429 378		9·445 660		0·554 340	9·983 719		409	
		28		29			2		
592	9·429 406		9·445 689		0·554 311	9·983 717		408	
		27		29			3		
593	9·429 433		9·445 718		0·554 282	9·983 714		407	
		27		30			2		
594	9·429 460		9·445 748		0·554 252	9·983 712		406	
		27		29			2		
595	9·429 487		9·445 777		0·554 223	9·983 710		405	
		27		29			2		
596	9·429 514		9·445 806		0·554 194	9·983 708		404	
		27		29			2		
597	9·429 541		9·445 835		0·554 165	9·983 706		403	
		28		30			2		
598	9·429 569		9·445 865		0·554 135	9·983 704		402	
		27		29			2		
599	9·429 596		9·445 894		0·554 106	9·983 702		401	
		27		29			2		
.600	9·429 623		9·445 923		0·554 077	9·983 700		**·400**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

74°.450 — 74°.400

15°.600 — 15°.650

15°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.429 623		9.445 923		0.554 077	9.983 700		**.400**	
		27		29			3		
601	9.429 650		9.445 952		0.554 048	9.983 697		399	
602	9.429 677	27	9.445 982	30	0.554 018	9.983 695	2	398	
603	9.429 704	27	9.446 011	29	0.553 989	9.983 693	2	397	
		27		29			2		
604	9.429 731		9.446 040		0.553 960	9.983 691		396	
605	9.429 759	28	9.446 070	30	0.553 930	9.983 689	2	395	
606	9.429 786	27	9.446 099	29	0.553 901	9.983 687	2	394	
		27		29			2		
607	9.429 813		9.446 128		0.553 872	9.983 685		393	
608	9.429 840	27	9.446 157	29	0.553 843	9.983 683	2	392	
609	9.429 867	27	9.446 187	30	0.553 813	9.983 681	2	391	
		27		29			3		
.610	9.429 894		9.446 216		0.553 784	9.983 678		**.390**	
		27		29			2		
611	9.429 921		9.446 245		0.553 755	9.983 676		389	
612	9.429 948	27	9.446 274	29	0.553 726	9.983 674	2	388	
613	9.429 976	28	9.446 304	30	0.553 696	9.983 672	2	387	
		27		29			2		
614	9.430 003		9.446 333		0.553 667	9.983 670		386	
615	9.430 030	27	9.446 362	29	0.553 638	9.983 668	2	385	
616	9.430 057	27	9.446 391	29	0.553 609	9.983 666	2	384	
		27		29			2		
617	9.430 084		9.446 420		0.553 580	9.983 664		383	
618	9.430 111	27	9.446 450	30	0.553 550	9.983 661	3	382	
619	9.430 138	27	9.446 479	29	0.553 521	9.983 659	2	381	
		27		29			2		
.620	9.430 165		9.446 508		0.553 492	9.983 657		**.380**	
		28		29			2		
621	9.430 193		9.446 537		0.553 463	9.983 655		379	
622	9.430 220	27	9.446 567	30	0.553 433	9.983 653	2	378	
623	9.430 247	27	9.446 596	29	0.553 404	9.983 651	2	377	
		27		29			2		
624	9.430 274		9.446 625		0.553 375	9.983 649		376	
625	9.430 301	27	9.446 654	29	0.553 346	9.983 647	2	375	
626	9.430 328	27	9.446 684	30	0.553 316	9.983 645	2	374	
		27		29			3		
627	9.430 355		9.446 713		0.553 287	9.983 642		373	
628	9.430 382	27	9.446 742	29	0.553 258	9.983 640	2	372	
629	9.430 409	27	9.446 771	29	0.553 229	9.983 638	2	371	
		27		29			2		
.630	9.430 436		9.446 800		0.553 200	9.983 636		**.370**	
		28		30			2		
631	9.430 464		9.446 830		0.553 170	9.983 634		369	
632	9.430 491	27	9.446 859	29	0.553 141	9.983 632	2	368	
633	9.430 518	27	9.446 888	29	0.553 112	9.983 630	2	367	
		27		29			2		
634	9.430 545		9.446 917		0.553 083	9.983 628		366	
635	9.430 572	27	9.446 946	29	0.553 054	9.983 625	3	365	
636	9.430 599	27	9.446 976	30	0.553 024	9.983 623	2	364	
		27		29			2		
637	9.430 626		9.447 005		0.552 995	9.983 621		363	
638	9.430 653	27	9.447 034	29	0.552 966	9.983 619	2	362	
639	9.430 680	27	9.447 063	29	0.552 937	9.983 617	2	361	
		27		29			2		
.640	9.430 707		9.447 092		0.552 908	9.983 615		**.360**	
		27		30			2		
641	9.430 734		9.447 122		0.552 878	9.983 613		359	
642	9.430 761	27	9.447 151	29	0.552 849	9.983 611	2	358	
643	9.430 788	27	9.447 180	29	0.552 820	9.983 608	3	357	
		28		29			2		
644	9.430 816		9.447 209		0.552 791	9.983 606		356	
645	9.430 843	27	9.447 238	29	0.552 762	9.983 604	2	355	
646	9.430 870	27	9.447 268	30	0.552 732	9.983 602	2	354	
		27		29			2		
647	9.430 897		9.447 297		0.552 703	9.983 600		353	
648	9.430 924	27	9.447 326	29	0.552 674	9.983 598	2	352	
649	9.430 951	27	9.447 355	29	0.552 645	9.983 596	2	351	
		27		29			2		
.650	9.430 978		9.447 384		0.552 616	9.983 594		**.350**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

74°.400 — 74°.350

15°.650 — 15°.700

15°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.430 978		9.447 384		0.552 616	9.983 594		**.350**	
		27		30			3		
651	9.431 005		9.447 414		0.552 586	9.983 591		349	
652	9.431 032	27	9.447 443	29	0.552 557	9.983 589	2	348	
653	9.431 059	27	9.447 472	29	0.552 528	9.983 587	2	347	
		27		29			2		30
654	9.431 086		9.447 501		0.552 499	9.983 585		346	1 3.0
655	9.431 113	27	9.447 530	29	0.552 470	9.983 583	2	345	2 6.0
656	9.431 140	27	9.447 559	29	0.552 441	9.983 581	2	344	3 9.0
		27		30			2		4 12.0
657	9.431 167		9.447 589		0.552 411	9.983 579		343	5 15.0
658	9.431 194	27	9.447 618	29	0.552 382	9.983 577	2	342	6 18.0
659	9.431 221	27	9.447 647	29	0.552 353	9.983 574	3	341	7 21.0
		27		29			2		8 24.0
.660	9.431 248		9.447 676		0.552 324	9.983 572		**.340**	9 27.0
		27		29			2		
661	9.431 275		9.447 705		0.552 295	9.983 570		339	
662	9.431 302	27	9.447 734	29	0.552 266	9.983 568	2	338	
663	9.431 330	28	9.447 764	30	0.552 236	9.983 566	2	337	
		27		29			2		
664	9.431 357		9.447 793		0.552 207	9.983 564		336	
665	9.431 384	27	9.447 822	29	0.552 178	9.983 562	2	335	
666	9.431 411	27	9.447 851	29	0.552 149	9.983 560	2	334	29
		27		29			3		1 2.9
667	9.431 438		9.447 880		0.552 120	9.983 557		333	2 5.8
668	9.431 465	27	9.447 909	29	0.552 091	9.983 555	2	332	3 8.7
669	9.431 492	27	9.447 938	29	0.552 062	9.983 553	2	331	4 11.6
		27		30			2		5 14.5
.670	9.431 519		9.447 968		0.552 032	9.983 551		**.330**	6 17.4
		27		29			2		7 20.3
671	9.431 546		9.447 997		0.552 003	9.983 549		329	8 23.2
672	9.431 573	27	9.448 026	29	0.551 974	9.983 547	2	328	9 26.1
673	9.431 600	27	9.448 055	29	0.551 945	9.983 545	2	327	
		27		29			2		
674	9.431 627		9.448 084		0.551 916	9.983 543		326	
675	9.431 654	27	9.448 113	29	0.551 887	9.983 540	3	325	
676	9.431 681	27	9.448 142	29	0.551 858	9.983 538	2	324	
		27		30			2		
677	9.431 708		9.448 172		0.551 828	9.983 536		323	28
678	9.431 735	27	9.448 201	29	0.551 799	9.983 534	2	322	
679	9.431 762	27	9.448 230	29	0.551 770	9.983 532	2	321	1 2.8
		27		29			2		2 5.6
.680	9.431 789		9.448 259		0.551 741	9.983 530		**.320**	3 8.4
		27		29			2		4 11.2
681	9.431 816		9.448 288		0.551 712	9.983 528		319	5 14.0
682	9.431 843	27	9.448 317	29	0.551 683	9.983 526	2	318	6 16.8
683	9.431 870	27	9.448 346	29	0.551 654	9.983 523	3	317	7 19.6
		27		29			2		8 22.4
684	9.431 897		9.448 375		0.551 625	9.983 521		316	9 25.2
685	9.431 924	27	9.448 405	30	0.551 595	9.983 519	2	315	
686	9.431 951	27	9.448 434	29	0.551 566	9.983 517	2	314	
		27		29			2		
687	9.431 978		9.448 463		0.551 537	9.983 515		313	
688	9.432 005	27	9.448 492	29	0.551 508	9.983 513	2	312	
689	9.432 032	27	9.448 521	29	0.551 479	9.983 511	2	311	27
		27		29			2		
.690	9.432 059		9.448 550		0.551 450	9.983 509		**.310**	1 2.7
		27		29			3		2 5.4
691	9.432 086		9.448 579		0.551 421	9.983 506		309	3 8.1
692	9.432 113	27	9.448 608	29	0.551 392	9.983 504	2	308	4 10.8
693	9.432 140	27	9.448 638	30	0.551 362	9.983 502	2	307	5 13.5
		27		29			2		6 16.2
694	9.432 167		9.448 667		0.551 333	9.983 500		306	7 18.9
695	9.432 194	27	9.448 696	29	0.551 304	9.983 498	2	305	8 21.6
696	9.432 221	27	9.448 725	29	0.551 275	9.983 496	2	304	9 24.3
		27		29			2		
697	9.432 248		9.448 754		0.551 246	9.983 494		303	
698	9.432 275	27	9.448 783	29	0.551 217	9.983 492	2	302	
699	9.432 302	27	9.448 812	29	0.551 188	9.983 489	3	301	
		27		29			2		
.700	9.432 329		9.448 841		0.551 159	9.983 487		**.300**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

74°.350 — 74°.300

15°.700 — 15°.750

15°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.432 329		9.448 841		0.551 159	9.983 487		**.300**	
		26		29			2		
701	9.432 355		9.448 870		0.551 130	9.983 485		299	
702	9.432 382	27	9.448 899	29	0.551 101	9.983 483	2	298	
703	9.432 409	27	9.448 929	30	0.551 071	9.983 481	2	297	
		27		29			2		30
704	9.432 436		9.448 958		0.551 042	9.983 479		296	1 3.0
705	9.432 463	27	9.448 987	29	0.551 013	9.983 477	2	295	2 6.0
706	9.432 490	27	9.449 016	29	0.550 984	9.983 474	3	294	3 9.0
		27		29			2		4 12.0
707	9.432 517		9.449 045		0.550 955	9.983 472		293	5 15.0
708	9.432 544	27	9.449 074	29	0.550 926	9.983 470	2	292	6 18.0
709	9.432 571	27	9.449 103	29	0.550 897	9.983 468	2	291	7 21.0
		27		29			2		8 24.0
.710	9.432 598		9.449 132		0.550 868	9.983 466		**.290**	9 27.0
		27		29			2		
711	9.432 625		9.449 161		0.550 839	9.983 464		289	
712	9.432 652	27	9.449 190	29	0.550 810	9.983 462	2	288	
713	9.432 679	27	9.449 219	29	0.550 781	9.983 460	2	287	
		27		29			3		
714	9.432 706		9.449 248		0.550 752	9.983 457		286	
715	9.432 733	27	9.449 278	30	0.550 722	9.983 455	2	285	
716	9.432 760	27	9.449 307	29	0.550 693	9.983 453	2	284	29
		27		29			2		1 2.9
717	9.432 787		9.449 336		0.550 664	9.983 451		283	2 5.8
718	9.432 814	27	9.449 365	29	0.550 635	9.983 449	2	282	3 8.7
719	9.432 841	27	9.449 394	29	0.550 606	9.983 447	2	281	4 11.6
		26		29			2		5 14.5
.720	9.432 867		9.449 423		0.550 577	9.983 445		**.280**	6 17.4
		27		29			3		7 20.3
721	9.432 894		9.449 452		0.550 548	9.983 442		279	8 23.2
722	9.432 921	27	9.449 481	29	0.550 519	9.983 440	2	278	9 26.1
723	9.432 948	27	9.449 510	29	0.550 490	9.983 438	2	277	
		27		29			2		
724	9.432 975		9.449 539		0.550 461	9.983 436		276	
725	9.433 002	27	9.449 568	29	0.550 432	9.983 434	2	275	
726	9.433 029	27	9.449 597	29	0.550 403	9.983 432	2	274	
		27		29			2		
727	9.433 056		9.449 626		0.550 374	9.983 430		273	27
728	9.433 083	27	9.449 655	29	0.550 345	9.983 428	2	272	1 2.7
729	9.433 110	27	9.449 684	29	0.550 316	9.983 425	3	271	2 5.4
		27		29			2		3 8.1
.730	9.433 137		9.449 713		0.550 287	9.983 423		**.270**	4 10.8
		27		29			2		5 13.5
731	9.433 164		9.449 742		0.550 258	9.983 421		269	6 16.2
732	9.433 191	27	9.449 772	30	0.550 228	9.983 419	2	268	7 18.9
733	9.433 217	26	9.449 801	29	0.550 199	9.983 417	2	267	8 21.6
		27		29			2		9 24.3
734	9.433 244		9.449 830		0.550 170	9.983 415		266	
735	9.433 271	27	9.449 859	29	0.550 141	9.983 413	2	265	
736	9.433 298	27	9.449 888	29	0.550 112	9.983 410	3	264	
		27		29			2		
737	9.433 325		9.449 917		0.550 083	9.983 408		263	
738	9.433 352	27	9.449 946	29	0.550 054	9.983 406	2	262	
739	9.433 379	27	9.449 975	29	0.550 025	9.983 404	2	261	26
		27		29			2		
.740	9.433 406		9.450 004		0.549 996	9.983 402		**.260**	1 2.6
		27		29			2		2 5.2
741	9.433 433		9.450 033		0.549 967	9.983 400		259	3 7.8
742	9.433 459	26	9.450 062	29	0.549 938	9.983 398	2	258	4 10.4
743	9.433 486	27	9.450 091	29	0.549 909	9.983 396	2	257	5 13.0
		27		29			3		6 15.6
744	9.433 513		9.450 120		0.549 880	9.983 393		256	7 18.2
745	9.433 540	27	9.450 149	29	0.549 851	9.983 391	2	255	8 20.8
746	9.433 567	27	9.450 178	29	0.549 822	9.983 389	2	254	9 23.4
		27		29			2		
747	9.433 594		9.450 207		0.549 793	9.983 387		253	
748	9.433 621	27	9.450 236	29	0.549 764	9.983 385	2	252	
749	9.433 648	27	9.450 265	29	0.549 735	9.983 383	2	251	
		27		29			2		
.750	9.433 675		9.450 294		0.549 706	9.983 381		**.250**	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.300 — 74°.250

15°.750 — 15°.800

15°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.433 675		9.450 294		0.549 706	9.983 381		.250	
		26		29			3		
751	9.433 701		9.450 323		0.549 677	9.983 378		249	
752	9.433 728	27	9.450 352	29	0.549 648	9.983 376	2	248	
753	9.433 755	27	9.450 381	29	0.549 619	9.983 374	2	247	
		27		29			2		29
754	9.433 782		9.450 410		0.549 590	9.983 372		246	1 2.9
755	9.433 809	27	9.450 439	29	0.549 561	9.983 370	2	245	2 5.8
756	9.433 836	27	9.450 468	29	0.549 532	9.983 368	2	244	3 8.7
		27		29			2		4 11.6
757	9.433 863		9.450 497		0.549 503	9.983 366		243	5 14.5
758	9.433 890	27	9.450 526	29	0.549 474	9.983 363	3	242	6 17.4
759	9.433 916	26	9.450 555	29	0.549 445	9.983 361	2	241	7 20.3
		27		29			2		8 23.2
.760	9.433 943		9.450 584		0.549 416	9.983 359		.240	9 26.1
		27		29			2		
761	9.433 970		9.450 613		0.549 387	9.983 357		239	
762	9.433 997	27	9.450 642	29	0.549 358	9.983 355	2	238	
763	9.434 024	27	9.450 671	29	0.549 329	9.983 353	2	237	
		27		29			2		
764	9.434 051		9.450 700		0.549 300	9.983 351		236	
765	9.434 078	27	9.450 729	29	0.549 271	9.983 348	3	235	
766	9.434 104	26	9.450 758	29	0.549 242	9.983 346	2	234	28
		27		29			2		
767	9.434 131		9.450 787		0.549 213	9.983 344		233	1 2.8
768	9.434 158	27	9.450 816	29	0.549 184	9.983 342	2	232	2 5.6
769	9.434 185	27	9.450 845	29	0.549 155	9.983 340	2	231	3 8.4
		27		29			2		4 11.2
.770	9.434 212		9.450 874		0.549 126	9.983 338		.230	5 14.0
		27		29			2		6 16.8
771	9.434 239		9.450 903		0.549 097	9.983 336		229	7 19.6
772	9.434 265	26	9.450 932	29	0.549 068	9.983 333	3	228	8 22.4
773	9.434 292	27	9.450 961	29	0.549 039	9.983 331	2	227	9 25.2
		27		29			2		
774	9.434 319		9.450 990		0.549 010	9.983 329		226	
775	9.434 346	27	9.451 019	29	0.548 981	9.983 327	2	225	
776	9.434 373	27	9.451 048	29	0.548 952	9.983 325	2	224	
		27		29			2		
777	9.434 400		9.451 077		0.548 923	9.983 323		223	27
778	9.434 426	26	9.451 106	29	0.548 894	9.983 321	2	222	
779	9.434 453	27	9.451 135	29	0.548 865	9.983 318	3	221	1 2.7
		27		29			2		2 5.4
.780	9.434 480		9.451 164		0.548 836	9.983 316		.220	3 8.1
		27		29			2		4 10.8
781	9.434 507		9.451 193		0.548 807	9.983 314		219	5 13.5
782	9.434 534	27	9.451 222	29	0.548 778	9.983 312	2	218	6 16.2
783	9.434 561	27	9.451 251	29	0.548 749	9.983 310	2	217	7 18.9
		26		29			2		8 21.6
784	9.434 587		9.451 280		0.548 720	9.983 308		216	9 24.3
785	9.434 614	27	9.451 309	29	0.548 691	9.983 306	2	215	
786	9.434 641	27	9.451 337	28	0.548 663	9.983 303	3	214	
		27		29			2		
787	9.434 668		9.451 366		0.548 634	9.983 301		213	
788	9.434 695	27	9.451 395	29	0.548 605	9.983 299	2	212	
789	9.434 721	26	9.451 424	29	0.548 576	9.983 297	2	211	26
		27		29			2		
.790	9.434 748		9.451 453		0.548 547	9.983 295		.210	1 2.6
		27		29			2		2 5.2
791	9.434 775		9.451 482		0.548 518	9.983 293		209	3 7.8
792	9.434 802	27	9.451 511	29	0.548 489	9.983 291	2	208	4 10.4
793	9.434 829	27	9.451 540	29	0.548 460	9.983 288	3	207	5 13.0
		26		29			2		6 15.6
794	9.434 855		9.451 569		0.548 431	9.983 286		206	7 18.2
795	9.434 882	27	9.451 598	29	0.548 402	9.983 284	2	205	8 20.8
796	9.434 909	27	9.451 627	29	0.548 373	9.983 282	2	204	9 23.4
		27		29			2		
797	9.434 936		9.451 656		0.548 344	9.983 280		203	
798	9.434 963	27	9.451 685	29	0.548 315	9.983 278	2	202	
799	9.434 989	26	9.451 714	29	0.548 286	9.983 276	2	201	
		27		29			3		
.800	9.435 016		9.451 743		0.548 257	9.983 273		.200	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.250 — 74°.200

15°.800 — 15°.850

15°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.435 016		9.451 743		0.548 257	9.983 273		**.200**	
		27		29			2		
801	9.435 043		9.451 772		0.548 228	9.983 271		199	
		27		29			2		
802	9.435 070		9.451 801		0.548 199	9.983 269		198	
		26		28			2		
803	9.435 096		9.451 829		0.548 171	9.983 267		197	
		27		29			2		
804	9.435 123		9.451 858		0.548 142	9.983 265		196	
		27		29			2		
805	9.435 150		9.451 887		0.548 113	9.983 263		195	
		27		29			2		
806	9.435 177		9.451 916		0.548 084	9.983 261		194	
		27		29			3		
807	9.435 204		9.451 945		0.548 055	9.983 258		193	
		26		29			2		
808	9.435 230		9.451 974		0.548 026	9.983 256		192	
		27		29			2		
809	9.435 257		9.452 003		0.547 997	9.983 254		191	
		27		29			2		
.810	9.435 284		9.452 032		0.547 968	9.983 252		**.190**	
		27		29			2		
811	9.435 311		9.452 061		0.547 939	9.983 250		189	
		26		29			2		
812	9.435 337		9.452 090		0.547 910	9.983 248		188	
		27		29			2		
813	9.435 364		9.452 119		0.547 881	9.983 246		187	
		27		29			3		
814	9.435 391		9.452 148		0.547 852	9.983 243		186	
		27		28			2		
815	9.435 418		9.452 176		0.547 824	9.983 241		185	
		26		29			2		
816	9.435 444		9.452 205		0.547 795	9.983 239		184	
		27		29			2		
817	9.435 471		9.452 234		0.547 766	9.983 237		183	
		27		29			2		
818	9.435 498		9.452 263		0.547 737	9.983 235		182	
		27		29			2		
819	9.435 525		9.452 292		0.547 708	9.983 233		181	
		27		29			2		
.820	9.435 552		9.452 321		0.547 679	9.983 231		**.180**	
		26		29			3		
821	9.435 578		9.452 350		0.547 650	9.983 228		179	
		27		29			2		
822	9.435 605		9.452 379		0.547 621	9.983 226		178	
		27		29			2		
823	9.435 632		9.452 408		0.547 592	9.983 224		177	
		27		29			2		
824	9.435 659		9.452 437		0.547 563	9.983 222		176	
		26		28			2		
825	9.435 685		9.452 465		0.547 535	9.983 220		175	
		27		29			2		
826	9.435 712		9.452 494		0.547 506	9.983 218		174	
		27		29			2		
827	9.435 739		9.452 523		0.547 477	9.983 216		173	
		26		29			3		
828	9.435 765		9.452 552		0.547 448	9.983 213		172	
		27		29			2		
829	9.435 792		9.452 581		0.547 419	9.983 211		171	
		27		29			2		
.830	9.435 819		9.452 610		0.547 390	9.983 209		**.170**	
		27		29			2		
831	9.435 846		9.452 639		0.547 361	9.983 207		169	
		26		29			2		
832	9.435 872		9.452 668		0.547 332	9.983 205		168	
		27		29			2		
833	9.435 899		9.452 697		0.547 303	9.983 203		167	
		27		28			3		
834	9.435 926		9.452 725		0.547 275	9.983 200		166	
		27		29			2		
835	9.435 953		9.452 754		0.547 246	9.983 198		165	
		26		29			2		
836	9.435 979		9.452 783		0.547 217	9.983 196		164	
		27		29			2		
837	9.436 006		9.452 812		0.547 188	9.983 194		163	
		27		29			2		
838	9.436 033		9.452 841		0.547 159	9.983 192		162	
		26		29			2		
839	9.436 059		9.452 870		0.547 130	9.983 190		161	
		27		29			2		
.840	9.436 086		9.452 899		0.547 101	9.983 188		**.160**	
		27		28			3		
841	9.436 113		9.452 927		0.547 073	9.983 185		159	
		27		29			2		
842	9.436 140		9.452 956		0.547 044	9.983 183		158	
		26		29			2		
843	9.436 166		9.452 985		0.547 015	9.983 181		157	
		27		29			2		
844	9.436 193		9.453 014		0.546 986	9.983 179		156	
		27		29			2		
845	9.436 220		9.453 043		0.546 957	9.983 177		155	
		26		29			2		
846	9.436 246		9.453 072		0.546 928	9.983 175		154	
		27		29			2		
847	9.436 273		9.453 101		0.546 899	9.983 173		153	
		27		28			3		
848	9.436 300		9.453 129		0.546 871	9.983 170		152	
		27		29			2		
849	9.436 327		9.453 158		0.546 842	9.983 168		151	
		26		29			2		
.850	9.436 353		9.453 187		0.546 813	9.983 166		**.150**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

74°.200 — 74°.150

15°.850 — 15°.900

15°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.436 353		9.453 187		0.546 813	9.983 166		**.150**	
		27		29			2		
851	9.436 380		9.453 216		0.546 784	9.983 164		149	
852	9.436 407	27	9.453 245	29	0.546 755	9.983 162	2	148	
853	9.436 433	26	9.453 274	29	0.546 726	9.983 160	2	147	
		27		29			3		
854	9.436 460		9.453 303		0.546 697	9.983 157		146	
855	9.436 487	27	9.453 331	28	0.546 669	9.983 155	2	145	
856	9.436 513	26	9.453 360	29	0.546 640	9.983 153	2	144	
		27		29			2		
857	9.436 540		9.453 389		0.546 611	9.983 151		143	
858	9.436 567	27	9.453 418	29	0.546 582	9.983 149	2	142	
859	9.436 593	26	9.453 447	29	0.546 553	9.983 147	2	141	
		27		29			2		
.860	9.436 620		9.453 476		0.546 524	9.983 145		**.140**	
		27		28			3		
861	9.436 647		9.453 504		0.546 496	9.983 142		139	
862	9.436 673	26	9.453 533	29	0.546 467	9.983 140	2	138	
863	9.436 700	27	9.453 562	29	0.546 438	9.983 138	2	137	
		27		29			2		
864	9.436 727		9.453 591		0.546 409	9.983 136		136	
865	9.436 754	27	9.453 620	29	0.546 380	9.983 134	2	135	
866	9.436 780	26	9.453 649	29	0.546 351	9.983 132	2	134	
		27		28			3		
867	9.436 807		9.453 677		0.546 323	9.983 129		133	
868	9.436 834	27	9.453 706	29	0.546 294	9.983 127	2	132	
869	9.436 860	26	9.453 735	29	0.546 265	9.983 125	2	131	
		27		29			2		
.870	9.436 887		9.453 764		0.546 236	9.983 123		**.130**	
		27		29			2		
871	9.436 914		9.453 793		0.546 207	9.983 121		129	
872	9.436 940	26	9.453 821	28	0.546 179	9.983 119	2	128	
873	9.436 967	27	9.453 850	29	0.546 150	9.983 117	2	127	
		26		29			3		
874	9.436 993		9.453 879		0.546 121	9.983 114		126	
875	9.437 020	27	9.453 908	29	0.546 092	9.983 112	2	125	
876	9.437 047	27	9.453 937	29	0.546 063	9.983 110	2	124	
		26		29			2		
877	9.437 073		9.453 966		0.546 034	9.983 108		123	
878	9.437 100	27	9.453 994	28	0.546 006	9.983 106	2	122	
879	9.437 127	27	9.454 023	29	0.545 977	9.983 104	2	121	
		26		29			3		
.880	9.437 153		9.454 052		0.545 948	9.983 101		**.120**	
		27		29			2		
881	9.437 180		9.454 081		0.545 919	9.983 099		119	
882	9.437 207	27	9.454 110	29	0.545 890	9.983 097	2	118	
883	9.437 233	26	9.454 138	28	0.545 862	9.983 095	2	117	
		27		29			2		
884	9.437 260		9.454 167		0.545 833	9.983 093		116	
885	9.437 287	27	9.454 196	29	0.545 804	9.983 091	2	115	
886	9.437 313	26	9.454 225	29	0.545 775	9.983 088	3	114	
		27		29			2		
887	9.437 340		9.454 254		0.545 746	9.983 086		113	
888	9.437 366	26	9.454 282	28	0.545 718	9.983 084	2	112	
889	9.437 393	27	9.454 311	29	0.545 689	9.983 082	2	111	
		27		29			2		
.890	9.437 420		9.454 340		0.545 660	9.983 080		**.110**	
		26		29			2		
891	9.437 446		9.454 369		0.545 631	9.983 078		109	
892	9.437 473	27	9.454 397	28	0.545 603	9.983 076	2	108	
893	9.437 500	27	9.454 426	29	0.545 574	9.983 073	3	107	
		26		29			2		
894	9.437 526		9.454 455		0.545 545	9.983 071		106	
895	9.437 553	27	9.454 484	29	0.545 516	9.983 069	2	105	
896	9.437 579	26	9.454 513	29	0.545 487	9.983 067	2	104	
		27		28			2		
897	9.437 606		9.454 541		0.545 459	9.983 065		103	
898	9.437 633	27	9.454 570	29	0.545 430	9.983 063	2	102	
899	9.437 659	26	9.454 599	29	0.545 401	9.983 060	3	101	
		27		29			2		
.900	9.437 686		9.454 628		0.545 372	9.983 058		**.100**	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

74°.150 — 74°.100

15°.900 — 15°.950

15°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9·437 686		9·454 628		0·545 372	9·983 058		.100	
		27		28			2		
901	9·437 713		9·454 656		0·545 344	9·983 056		099	
		26		29			2		
902	9·437 739		9·454 685		0·545 315	9·983 054		098	
		27		29			2		
903	9·437 766		9·454 714		0·545 286	9·983 052		097	
		26		29			2		
904	9·437 792		9·454 743		0·545 257	9·983 050		096	
		27		28			3		
905	9·437 819		9·454 771		0·545 229	9·983 047		095	
		27		29			2		
906	9·437 846		9·454 800		0·545 200	9·983 045		094	
		26		29			2		
907	9·437 872		9·454 829		0·545 171	9·983 043		093	
		27		29			2		
908	9·437 899		9·454 858		0·545 142	9·983 041		092	
		26		28			2		
909	9·437 925		9·454 886		0·545 114	9·983 039		091	
		27		29			2		
.910	9·437 952		9·454 915		0·545 085	9·983 037		.090	
		27		29			2		
911	9·437 979		9·454 944		0·545 056	9·983 035		089	
		26		29			3		
912	9·438 005		9·454 973		0·545 027	9·983 032		088	
		27		29			2		
913	9·438 032		9·455 002		0·544 998	9·983 030		087	
		26		28			2		
914	9·438 058		9·455 030		0·544 970	9·983 028		086	
		27		29			2		
915	9·438 085		9·455 059		0·544 941	9·983 026		085	
		26		29			2		
916	9·438 111		9·455 088		0·544 912	9·983 024		084	
		27		28			2		
917	9·438 138		9·455 116		0·544 884	9·983 022		083	
		27		29			3		
918	9·438 165		9·455 145		0·544 855	9·983 019		082	
		26		29			2		
919	9·438 191		9·455 174		0·544 826	9·983 017		081	
		27		29			2		
.920	9·438 218		9·455 203		0·544 797	9·983 015		.080	
		26		28			2		
921	9·438 244		9·455 231		0·544 769	9·983 013		079	
		27		29			2		
922	9·438 271		9·455 260		0·544 740	9·983 011		078	
		26		29			2		
923	9·438 297		9·455 289		0·544 711	9·983 009		077	
		27		29			3		
924	9·438 324		9·455 318		0·544 682	9·983 006		076	
		27		28			2		
925	9·438 351		9·455 346		0·544 654	9·983 004		075	
		26		29			2		
926	9·438 377		9·455 375		0·544 625	9·983 002		074	
		27		29			2		
927	9·438 404		9·455 404		0·544 596	9·983 000		073	
		26		29			2		
928	9·438 430		9·455 433		0·544 567	9·982 998		072	
		27		28			2		
929	9·438 457		9·455 461		0·544 539	9·982 996		071	
		26		29			3		
.930	9·438 483		9·455 490		0·544 510	9·982 993		.070	
		27		29			2		
931	9·438 510		9·455 519		0·544 481	9·982 991		069	
		27		28			2		
932	9·438 537		9·455 547		0·544 453	9·982 989		068	
		26		29			2		
933	9·438 563		9·455 576		0·544 424	9·982 987		067	
		27		29			2		
934	9·438 590		9·455 605		0·544 395	9·982 985		066	
		26		29			2		
935	9·438 616		9·455 634		0·544 366	9·982 983		065	
		27		28			3		
936	9·438 643		9·455 662		0·544 338	9·982 980		064	
		26		29			2		
937	9·438 669		9·455 691		0·544 309	9·982 978		063	
		27		29			2		
938	9·438 696		9·455 720		0·544 280	9·982 976		062	
		26		28			2		
939	9·438 722		9·455 748		0·544 252	9·982 974		061	
		27		29			2		
.940	9·438 749		9·455 777		0·544 223	9·982 972		.060	
		26		29			2		
941	9·438 775		9·455 806		0·544 194	9·982 970		059	
		27		29			3		
942	9·438 802		9·455 835		0·544 165	9·982 967		058	
		26		28			2		
943	9·438 828		9·455 863		0·544 137	9·982 965		057	
		27		29			2		
944	9·438 855		9·455 892		0·544 108	9·982 963		056	
		27		29			2		
945	9·438 882		9·455 921		0·544 079	9·982 961		055	
		26		28			2		
946	9·438 908		9·455 949		0·544 051	9·982 959		054	
		27		29			2		
947	9·438 935		9·455 978		0·544 022	9·982 957		053	
		26		29			3		
948	9·438 961		9·456 007		0·543 993	9·982 954		052	
		27		28			2		
949	9·438 988		9·456 035		0·543 965	9·982 952		051	
		26		29			2		
.950	9·439 014		9·456 064		0·543 936	9·982 950		.050	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

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1	2.9
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3	7.8
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5	13.0
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7	18.2
8	20.8
9	23.4

74°.100 — 74°.050

15°.950 — 16°.000

15°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.439 014		9.456 064		0.543 936	9.982 950		**.050**	
		27		29			2		
951	9.439 041		9.456 093		0.543 907	9.982 948		049	
		26		28			2		
952	9.439 067		9.456 121		0.543 879	9.982 946		048	
		27		29			2		
953	9.439 094		9.456 150		0.543 850	9.982 944		047	
		26		29			3		
954	9.439 120		9.456 179		0.543 821	9.982 941		046	
		27		28			2		
955	9.439 147		9.456 207		0.543 793	9.982 939		045	
		26		29			2		
956	9.439 173		9.456 236		0.543 764	9.982 937		044	
		27		29			2		
957	9.439 200		9.456 265		0.543 735	9.982 935		043	
		26		29			2		
958	9.439 226		9.456 294		0.543 706	9.982 933		042	
		27		28			2		
959	9.439 253		9.456 322		0.543 678	9.982 931		041	
		26		29			3		
.960	9.439 279		9.456 351		0.543 649	9.982 928		**.040**	
		27		29			2		
961	9.439 306		9.456 380		0.543 620	9.982 926		039	
		26		28			2		
962	9.439 332		9.456 408		0.543 592	9.982 924		038	
		27		29			2		
963	9.439 359		9.456 437		0.543 563	9.982 922		037	
		26		29			2		
964	9.439 385		9.456 466		0.543 534	9.982 920		036	
		27		28			2		
965	9.439 412		9.456 494		0.543 506	9.982 918		035	
		26		29			3		
966	9.439 438		9.456 523		0.543 477	9.982 915		034	
		27		29			2		
967	9.439 465		9.456 552		0.543 448	9.982 913		033	
		26		28			2		
968	9.439 491		9.456 580		0.543 420	9.982 911		032	
		27		29			2		
969	9.439 518		9.456 609		0.543 391	9.982 909		031	
		26		28			2		
.970	9.439 544		9.456 637		0.543 363	9.982 907		**.030**	
		27		29			2		
971	9.439 571		9.456 666		0.543 334	9.982 905		029	
		26		29			3		
972	9.439 597		9.456 695		0.543 305	9.982 902		028	
		27		28			2		
973	9.439 624		9.456 723		0.543 277	9.982 900		027	
		26		29			2		
974	9.439 650		9.456 752		0.543 248	9.982 898		026	
		27		29			2		
975	9.439 677		9.456 781		0.543 219	9.982 896		025	
		26		28			2		
976	9.439 703		9.456 809		0.543 191	9.982 894		024	
		27		29			2		
977	9.439 730		9.456 838		0.543 162	9.982 892		023	
		26		29			3		
978	9.439 756		9.456 867		0.543 133	9.982 889		022	
		27		28			2		
979	9.439 783		9.456 895		0.543 105	9.982 887		021	
		26		29			2		
.980	9.439 809		9.456 924		0.543 076	9.982 885		**.020**	
		27		29			2		
981	9.439 836		9.456 953		0.543 047	9.982 883		019	
		26		28			2		
982	9.439 862		9.456 981		0.543 019	9.982 881		018	
		26		29			2		
983	9.439 888		9.457 010		0.542 990	9.982 879		017	
		27		29			3		
984	9.439 915		9.457 039		0.542 961	9.982 876		016	
		26		28			2		
985	9.439 941		9.457 067		0.542 933	9.982 874		015	
		27		29			2		
986	9.439 968		9.457 096		0.542 904	9.982 872		014	
		26		28			2		
987	9.439 994		9.457 124		0.542 876	9.982 870		013	
		27		29			2		
988	9.440 021		9.457 153		0.542 847	9.982 868		012	
		26		29			2		
989	9.440 047		9.457 182		0.542 818	9.982 866		011	
		27		28			3		
.990	9.440 074		9.457 210		0.542 790	9.982 863		**.010**	
		26		29			2		
991	9.440 100		9.457 239		0.542 761	9.982 861		009	
		27		29			2		
992	9.440 127		9.457 268		0.542 732	9.982 859		008	
		26		28			2		
993	9.440 153		9.457 296		0.542 704	9.982 857		007	
		26		29			2		
994	9.440 179		9.457 325		0.542 675	9.982 855		006	
		27		28			2		
995	9.440 206		9.457 353		0.542 647	9.982 853		005	
		26		29			3		
996	9.440 232		9.457 382		0.542 618	9.982 850		004	
		27		29			2		
997	9.440 259		9.457 411		0.542 589	9.982 848		003	
		26		28			2		
998	9.440 285		9.457 439		0.542 561	9.982 846		002	
		27		29			2		
999	9.440 312		9.457 468		0.542 532	9.982 844		001	
		26		28			2		
***000**	9.440 338		9.457 496		0.542 504	9.982 842		**.000**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

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7	18.9
8	21.6
9	24.3

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3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

74°.050 — 74°.000

16°.000 — 16°.050

16°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.440 338		9.457 496		0.542 504	9.982 842		*000	
		27		29			3		
001	9.440 365		9.457 525		0.542 475	9.982 839		999	
002	9.440 391	26	9.457 554	29	0.542 446	9.982 837	2	998	
003	9.440 417	26	9.457 582	28	0.542 418	9.982 835	2	997	
		27		29			2		
004	9.440 444		9.457 611		0.542 389	9.982 833		996	
005	9.440 470	26	9.457 639	28	0.542 361	9.982 831	2	995	
006	9.440 497	27	9.457 668	29	0.542 332	9.982 829	2	994	
		26		29			3		
007	9.440 523		9.457 697		0.542 303	9.982 826		993	
008	9.440 549	26	9.457 725	28	0.542 275	9.982 824	2	992	
009	9.440 576	27	9.457 754	29	0.542 246	9.982 822	2	991	
		26		28			2		
.010	9.440 602		9.457 782		0.542 218	9.982 820		.990	
		27		29			2		
011	9.440 629		9.457 811		0.542 189	9.982 818		989	
012	9.440 655	26	9.457 840	29	0.542 160	9.982 816	2	988	
013	9.440 682	27	9.457 868	28	0.542 132	9.982 813	3	987	
		26		29			2		
014	9.440 708		9.457 897		0.542 103	9.982 811		986	
015	9.440 734	26	9.457 925	28	0.542 075	9.982 809	2	985	
016	9.440 761	27	9.457 954	29	0.542 046	9.982 807	2	984	
		26		29			2		
017	9.440 787		9.457 983		0.542 017	9.982 805		983	
018	9.440 814	27	9.458 011	28	0.541 989	9.982 802	3	982	
019	9.440 840	26	9.458 040	29	0.541 960	9.982 800	2	981	
		26		28			2		
.020	9.440 866		9.458 068		0.541 932	9.982 798		.980	
		27		29			2		
021	9.440 893		9.458 097		0.541 903	9.982 796		979	
022	9.440 919	26	9.458 125	28	0.541 875	9.982 794	2	978	
023	9.440 946	27	9.458 154	29	0.541 846	9.982 792	2	977	
		26		29			3		
024	9.440 972		9.458 183		0.541 817	9.982 789		976	
025	9.440 998	26	9.458 211	28	0.541 789	9.982 787	2	975	
026	9.441 025	27	9.458 240	29	0.541 760	9.982 785	2	974	
		26		28			2		
027	9.441 051		9.458 268		0.541 732	9.982 783		973	
028	9.441 078	27	9.458 297	29	0.541 703	9.982 781	2	972	
029	9.441 104	26	9.458 325	28	0.541 675	9.982 779	2	971	
		26		29			3		
.030	9.441 130		9.458 354		0.541 646	9.982 776		.970	
		27		29			2		
031	9.441 157		9.458 383		0.541 617	9.982 774		969	
032	9.441 183	26	9.458 411	28	0.541 589	9.982 772	2	968	
033	9.441 209	26	9.458 440	29	0.541 560	9.982 770	2	967	
		27		28			2		
034	9.441 236		9.458 468		0.541 532	9.982 768		966	
035	9.441 262	26	9.458 497	29	0.541 503	9.982 765	3	965	
036	9.441 289	27	9.458 525	28	0.541 475	9.982 763	2	964	
		26		29			2		
037	9.441 315		9.458 554		0.541 446	9.982 761		963	
038	9.441 341	26	9.458 582	28	0.541 418	9.982 759	2	962	
039	9.441 368	27	9.458 611	29	0.541 389	9.982 757	2	961	
		26		28			2		
.040	9.441 394		9.458 639		0.541 361	9.982 755		.960	
		26		29			3		
041	9.441 420		9.458 668		0.541 332	9.982 752		959	
042	9.441 447	27	9.458 697	29	0.541 303	9.982 750	2	958	
043	9.441 473	26	9.458 725	28	0.541 275	9.982 748	2	957	
		26		29			2		
044	9.441 499		9.458 754		0.541 246	9.982 746		956	
045	9.441 526	27	9.458 782	28	0.541 218	9.982 744	2	955	
046	9.441 552	26	9.458 811	29	0.541 189	9.982 742	2	954	
		27		28			3		
047	9.441 579		9.458 839		0.541 161	9.982 739		953	
048	9.441 605	26	9.458 868	29	0.541 132	9.982 737	2	952	
049	9.441 631	26	9.458 896	28	0.541 104	9.982 735	2	951	
		27		29			2		
.050	9.441 658		9.458 925		0.541 075	9.982 733		.950	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

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5	13.5
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8	21.6
9	24.3

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3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

74°.000 — 73°.950

16°.050 — 16°.100

16°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.441 658		9.458 925		0.541 075	9.982 733		.950	
		26		28			2		
051	9.441 684		9.458 953		0.541 047	9.982 731		949	
052	9.441 710	26	9.458 982	29	0.541 018	9.982 728	3	948	
053	9.441 737	27	9.459 010	28	0.540 990	9.982 726	2	947	
		26		29			2		29
054	9.441 763		9.459 039		0.540 961	9.982 724		946	1 2.9
055	9.441 789	26	9.459 067	28	0.540 933	9.982 722	2	945	2 5.8
056	9.441 816	27	9.459 096	29	0.540 904	9.982 720	2	944	3 8.7
		26		28			2		4 11.6
057	9.441 842		9.459 124		0.540 876	9.982 718		943	5 14.5
058	9.441 868	26	9.459 153	29	0.540 847	9.982 715	3	942	6 17.4
059	9.441 895	27	9.459 182	29	0.540 818	9.982 713	2	941	7 20.3
		26		28			2		8 23.2
.060	9.441 921		9.459 210		0.540 790	9.982 711		.940	9 26.1
		26		29			2		
061	9.441 947		9.459 239		0.540 761	9.982 709		939	
062	9.441 974	27	9.459 267	28	0.540 733	9.982 707	2	938	
063	9.442 000	26	9.459 296	29	0.540 704	9.982 704	3	937	
		26		28			2		
064	9.442 026		9.459 324		0.540 676	9.982 702		936	
065	9.442 053	27	9.459 353	29	0.540 647	9.982 700	2	935	28
066	9.442 079	26	9.459 381	28	0.540 619	9.982 698	2	934	
		26		29			2		1 2.8
067	9.442 105		9.459 410		0.540 590	9.982 696		933	2 5.6
068	9.442 132	27	9.459 438	28	0.540 562	9.982 694	2	932	3 8.4
069	9.442 158	26	9.459 467	29	0.540 533	9.982 691	3	931	4 11.2
		26		28			2		5 14.0
.070	9.442 184		9.459 495		0.540 505	9.982 689		.930	6 16.8
		27		29			2		7 19.6
071	9.442 211		9.459 524		0.540 476	9.982 687		929	8 22.4
072	9.442 237	26	9.459 552	28	0.540 448	9.982 685	2	928	9 25.2
073	9.442 263	26	9.459 581	29	0.540 419	9.982 683	2	927	
		26		28			3		
074	9.442 289		9.459 609		0.540 391	9.982 680		926	
075	9.442 316	27	9.459 638	29	0.540 362	9.982 678	2	925	
076	9.442 342	26	9.459 666	28	0.540 334	9.982 676	2	924	
		26		29			2		
077	9.442 368		9.459 695		0.540 305	9.982 674		923	27
078	9.442 395	27	9.459 723	28	0.540 277	9.982 672	2	922	
079	9.442 421	26	9.459 751	28	0.540 249	9.982 669	3	921	1 2.7
		26		29			2		2 5.4
.080	9.442 447		9.459 780		0.540 220	9.982 667		.920	3 8.1
		27		28			2		4 10.8
081	9.442 474		9.459 808		0.540 192	9.982 665		919	5 13.5
082	9.442 500	26	9.459 837	29	0.540 163	9.982 663	2	918	6 16.2
083	9.442 526	26	9.459 865	28	0.540 135	9.982 661	2	917	7 18.9
		26		29			2		8 21.6
084	9.442 552		9.459 894		0.540 106	9.982 659		916	9 24.3
085	9.442 579	27	9.459 922	28	0.540 078	9.982 656	3	915	
086	9.442 605	26	9.459 951	29	0.540 049	9.982 654	2	914	
		26		28			2		
087	9.442 631		9.459 979		0.540 021	9.982 652		913	
088	9.442 658	27	9.460 008	29	0.539 992	9.982 650	2	912	
089	9.442 684	26	9.460 036	28	0.539 964	9.982 648	2	911	26
		26		29			3		
.090	9.442 710		9.460 065		0.539 935	9.982 645		.910	1 2.6
		26		28			2		2 5.2
091	9.442 736		9.460 093		0.539 907	9.982 643		909	3 7.8
092	9.442 763	27	9.460 122	29	0.539 878	9.982 641	2	908	4 10.4
093	9.442 789	26	9.460 150	28	0.539 850	9.982 639	2	907	5 13.0
		26		29			2		6 15.6
094	9.442 815		9.460 179		0.539 821	9.982 637		906	7 18.2
095	9.442 841	26	9.460 207	28	0.539 793	9.982 635	2	905	8 20.8
096	9.442 868	27	9.460 235	28	0.539 765	9.982 632	3	904	9 23.4
		26		29			2		
097	9.442 894		9.460 264		0.539 736	9.982 630		903	
098	9.442 920	26	9.460 292	28	0.539 708	9.982 628	2	902	
099	9.442 947	27	9.460 321	29	0.539 679	9.982 626	2	901	
		26		28			2		
.100	9.442 973		9.460 349		0.539 651	9.982 624		.900	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.950 — 73°.900

16°.100 — 16°.150

16°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.442 973		9.460 349		0.539 651	9.982 624		.900	
		26		29			3		
101	9.442 999		9.460 378		0.539 622	9.982 621		899	
102	9.443 025	26	9.460 406	28	0.539 594	9.982 619	2	898	
103	9.443 052	27	9.460 435	29	0.539 565	9.982 617	2	897	
		26		28			2		
104	9.443 078		9.460 463		0.539 537	9.982 615		896	
105	9.443 104	26	9.460 491	28	0.539 509	9.982 613	2	895	
106	9.443 130	26	9.460 520	29	0.539 480	9.982 610	3	894	
		27		28			2		
107	9.443 157		9.460 548		0.539 452	9.982 608		893	
108	9.443 183	26	9.460 577	29	0.539 423	9.982 606	2	892	
109	9.443 209	26	9.460 605	28	0.539 395	9.982 604	2	891	
		26		29			2		
.110	9.443 235		9.460 634	28	0.539 366	9.982 602		.890	
		27					3		
111	9.443 262		9.460 662	29	0.539 338	9.982 599		889	
112	9.443 288	26	9.460 691	28	0.539 309	9.982 597	2	888	
113	9.443 314	26	9.460 719	28	0.539 281	9.982 595	2	887	
		26					2		
114	9.443 340		9.460 747	29	0.539 253	9.982 593		886	
115	9.443 367	27	9.460 776	28	0.539 224	9.982 591	2	885	
116	9.443 393	26	9.460 804	29	0.539 196	9.982 589	2	884	
		26		28			3		
117	9.443 419		9.460 833		0.539 167	9.982 586		883	
118	9.443 445	26	9.460 861	28	0.539 139	9.982 584	2	882	
119	9.443 471	26	9.460 889	28	0.539 111	9.982 582	2	881	
		27		29			2		
.120	9.443 498		9.460 918	28	0.539 082	9.982 580	2	.880	
		26							
121	9.443 524		9.460 946	29	0.539 054	9.982 578		879	
122	9.443 550	26	9.460 975	28	0.539 025	9.982 575	3	878	
123	9.443 576	26	9.461 003	29	0.538 997	9.982 573	2	877	
		27		28			2		
124	9.443 603		9.461 032		0.538 968	9.982 571		876	
125	9.443 629	26	9.461 060	28	0.538 940	9.982 569	2	875	
126	9.443 655	26	9.461 088	28	0.538 912	9.982 567	2	874	
		26		29			3		
127	9.443 681		9.461 117	28	0.538 883	9.982 564	2	873	
128	9.443 707	26	9.461 145	29	0.538 855	9.982 562	2	872	
129	9.443 734	27	9.461 174	28	0.538 826	9.982 560	2	871	
		26		28			2		
.130	9.443 760		9.461 202	28	0.538 798	9.982 558	2	.870	
		26							
131	9.443 786		9.461 230	29	0.538 770	9.982 556		869	
132	9.443 812	26	9.461 259	28	0.538 741	9.982 553	3	868	
133	9.443 838	26	9.461 287	29	0.538 713	9.982 551	2	867	
		27		28			2		
134	9.443 865		9.461 316		0.538 684	9.982 549		866	
135	9.443 891	26	9.461 344	28	0.538 656	9.982 547	2	865	
136	9.443 917	26	9.461 372	28	0.538 628	9.982 545	2	864	
		26		29			2		
137	9.443 943		9.461 401	28	0.538 599	9.982 543		863	
138	9.443 969	26	9.461 429	29	0.538 571	9.982 540	3	862	
139	9.443 996	27	9.461 458	28	0.538 542	9.982 538	2	861	
		26		28			2		
.140	9.444 022		9.461 486	28	0.538 514	9.982 536	2	.860	
		26							
141	9.444 048		9.461 514	29	0.538 486	9.982 534	2	859	
142	9.444 074	26	9.461 543	28	0.538 457	9.982 532	2	858	
143	9.444 100	26	9.461 571	28	0.538 429	9.982 529	3	857	
		27		29			2		
144	9.444 127		9.461 599		0.538 401	9.982 527		856	
145	9.444 153	26	9.461 628	28	0.538 372	9.982 525	2	855	
146	9.444 179	26	9.461 656	29	0.538 344	9.982 523	2	854	
		26		28			2		
147	9.444 205		9.461 685		0.538 315	9.982 521		853	
148	9.444 231	26	9.461 713	28	0.538 287	9.982 518	3	852	
149	9.444 258	27	9.461 741	28	0.538 259	9.982 516	2	851	
		26		29			2		
.150	9.444 284		9.461 770		0.538 230	9.982 514		.850	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

73°.900 — 73°.850

16°.150 — 16°.200

16°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.444 284		9.461 770		0.538 230	9.982 514		.850	
		26		28			2		
151	9.444 310		9.461 798		0.538 202	9.982 512		849	
		26		28			2		
152	9.444 336		9.461 826		0.538 174	9.982 510		848	
		26		29			3		
153	9.444 362		9.461 855		0.538 145	9.982 507		847	
		26		28			2		
154	9.444 388		9.461 883		0.538 117	9.982 505		846	
		27		29			2		
155	9.444 415		9.461 912		0.538 088	9.982 503		845	
		26		28			2		
156	9.444 441		9.461 940		0.538 060	9.982 501		844	
		26		28			2		
157	9.444 467		9.461 968		0.538 032	9.982 499		843	
		26		29			3		
158	9.444 493		9.461 997		0.538 003	9.982 496		842	
		26		28			2		
159	9.444 519		9.462 025		0.537 975	9.982 494		841	
		26		28			2		
.160	9.444 545		9.462 053		0.537 947	9.982 492		.840	
		27		29			2		
161	9.444 572		9.462 082		0.537 918	9.982 490		839	
		26		28			2		
162	9.444 598		9.462 110		0.537 890	9.982 488		838	
		26		28			3		
163	9.444 624		9.462 138		0.537 862	9.982 485		837	
		26		29			2		
164	9.444 650		9.462 167		0.537 833	9.982 483		836	
		26		28			2		
165	9.444 676		9.462 195		0.537 805	9.982 481		835	
		26		28			2		
166	9.444 702		9.462 223		0.537 777	9.982 479		834	
		26		29			2		
167	9.444 728		9.462 252		0.537 748	9.982 477		833	
		27		28			3		
168	9.444 755		9.462 280		0.537 720	9.982 474		832	
		26		28			2		
169	9.444 781		9.462 308		0.537 692	9.982 472		831	
		26		29			2		
.170	9.444 807		9.462 337		0.537 663	9.982 470		.830	
		26		28			2		
171	9.444 833		9.462 365		0.537 635	9.982 468		829	
		26		28			2		
172	9.444 859		9.462 393		0.537 607	9.982 466		828	
		26		29			3		
173	9.444 885		9.462 422		0.537 578	9.982 463		827	
		26		28			2		
174	9.444 911		9.462 450		0.537 550	9.982 461		826	
		27		28			2		
175	9.444 938		9.462 478		0.537 522	9.982 459		825	
		26		29			2		
176	9.444 964		9.462 507		0.537 493	9.982 457		824	
		26		28			2		
177	9.444 990		9.462 535		0.537 465	9.982 455		823	
		26		28			3		
178	9.445 016		9.462 563		0.537 437	9.982 452		822	
		26		29			2		
179	9.445 042		9.462 592		0.537 408	9.982 450		821	
		26		28			2		
.180	9.445 068		9.462 620		0.537 380	9.982 448		.820	
		26		28			2		
181	9.445 094		9.462 648		0.537 352	9.982 446		819	
		26		29			2		
182	9.445 120		9.462 677		0.537 323	9.982 444		818	
		27		28			3		
183	9.445 147		9.462 705		0.537 295	9.982 441		817	
		26		28			2		
184	9.445 173		9.462 733		0.537 267	9.982 439		816	
		26		29			2		
185	9.445 199		9.462 762		0.537 238	9.982 437		815	
		26		28			2		
186	9.445 225		9.462 790		0.537 210	9.982 435		814	
		26		28			2		
187	9.445 251		9.462 818		0.537 182	9.982 433		813	
		26		29			3		
188	9.445 277		9.462 847		0.537 153	9.982 430		812	
		26		28			2		
189	9.445 303		9.462 875		0.537 125	9.982 428		811	
		26		28			2		
.190	9.445 329		9.462 903		0.537 097	9.982 426		.810	
		26		29			2		
191	9.445 355		9.462 932		0.537 068	9.982 424		809	
		27		28			2		
192	9.445 382		9.462 960		0.537 040	9.982 422		808	
		26		28			3		
193	9.445 408		9.462 988		0.537 012	9.982 419		807	
		26		29			2		
194	9.445 434		9.463 017		0.536 983	9.982 417		806	
		26		28			2		
195	9.445 460		9.463 045		0.536 955	9.982 415		805	
		26		28			2		
196	9.445 486		9.463 073		0.536 927	9.982 413		804	
		26		28			2		
197	9.445 512		9.463 101		0.536 899	9.982 411		803	
		26		29			3		
198	9.445 538		9.463 130		0.536 870	9.982 408		802	
		26		28			2		
199	9.445 564		9.463 158		0.536 842	9.982 406		801	
		26		28			2		
.200	9.445 590		9.463 186		0.536 814	9.982 404		.800	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

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1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

73°.850 — 73°.800

16°.200 — 16°.250

16°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.445 590		9.463 186		0.536 814	9.982 404		**.800**	
		26		29			2		
201	9.445 616		9.463 215		0.536 785	9.982 402		799	
202	9.445 643	27	9.463 243	28	0.536 757	9.982 400	2	798	
203	9.445 669	26	9.463 271	28	0.536 729	9.982 397	3	797	
		26		28			2		29
204	9.445 695		9.463 299		0.536 701	9.982 395		796	1 2.9
205	9.445 721	26	9.463 328	29	0.536 672	9.982 393	2	795	2 5.8
206	9.445 747	26	9.463 356	28	0.536 644	9.982 391	2	794	3 8.7
		26		28			2		4 11.6
207	9.445 773		9.463 384		0.536 616	9.982 389		793	5 14.5
208	9.445 799	26	9.463 413	29	0.536 587	9.982 386	3	792	6 17.4
209	9.445 825	26	9.463 441	28	0.536 559	9.982 384	2	791	7 20.3
		26		28			2		8 23.2
.210	9.445 851		9.463 469		0.536 531	9.982 382		**.790**	9 26.1
		26		28			2		
211	9.445 877		9.463 497		0.536 503	9.982 380		789	
212	9.445 903	26	9.463 526	29	0.536 474	9.982 378	2	788	
213	9.445 929	26	9.463 554	28	0.536 446	9.982 375	3	787	
		26		28			2		
214	9.445 955		9.463 582		0.536 418	9.982 373		786	
215	9.445 982	27	9.463 610	28	0.536 390	9.982 371	2	785	28
216	9.446 008	26	9.463 639	29	0.536 361	9.982 369	2	784	1 2.8
		26		28			2		2 5.6
217	9.446 034		9.463 667		0.536 333	9.982 367		783	3 8.4
218	9.446 060	26	9.463 695	28	0.536 305	9.982 364	3	782	4 11.2
219	9.446 086	26	9.463 724	29	0.536 276	9.982 362	2	781	5 14.0
		26		28			2		6 16.8
.220	9.446 112		9.463 752		0.536 248	9.982 360		**.780**	7 19.6
		26		28			2		8 22.4
221	9.446 138		9.463 780		0.536 220	9.982 358		779	9 25.2
222	9.446 164	26	9.463 808	28	0.536 192	9.982 356	2	778	
223	9.446 190	26	9.463 837	29	0.536 163	9.982 353	3	777	
		26		28			2		
224	9.446 216		9.463 865		0.536 135	9.982 351		776	
225	9.446 242	26	9.463 893	28	0.536 107	9.982 349	2	775	
226	9.446 268	26	9.463 921	28	0.536 079	9.982 347	2	774	
		26		29			2		27
227	9.446 294		9.463 950		0.536 050	9.982 345		773	1 2.7
228	9.446 320	26	9.463 978	28	0.536 022	9.982 342	3	772	2 5.4
229	9.446 346	26	9.464 006	28	0.535 994	9.982 340	2	771	3 8.1
		26		28			2		4 10.8
.230	9.446 372		9.464 034		0.535 966	9.982 338		**.770**	5 13.5
		26		29			2		6 16.2
231	9.446 398		9.464 063		0.535 937	9.982 336		769	7 18.9
232	9.446 424	26	9.464 091	28	0.535 909	9.982 334	2	768	8 21.6
233	9.446 450	26	9.464 119	28	0.535 881	9.982 331	3	767	9 24.3
		26		28			2		
234	9.446 476		9.464 147		0.535 853	9.982 329		766	
235	9.446 502	26	9.464 176	29	0.535 824	9.982 327	2	765	
236	9.446 529	27	9.464 204	28	0.535 796	9.982 325	2	764	
		26		28			3		
237	9.446 555		9.464 232		0.535 768	9.982 322		763	
238	9.446 581	26	9.464 260	28	0.535 740	9.982 320	2	762	
239	9.446 607	26	9.464 289	29	0.535 711	9.982 318	2	761	26
		26		28			2		
.240	9.446 633		9.464 317		0.535 683	9.982 316		**.760**	1 2.6
		26		28			2		2 5.2
241	9.446 659		9.464 345		0.535 655	9.982 314		759	3 7.8
242	9.446 685	26	9.464 373	28	0.535 627	9.982 311	3	758	4 10.4
243	9.446 711	26	9.464 401	28	0.535 599	9.982 309	2	757	5 13.0
		26		29			2		6 15.6
244	9.446 737		9.464 430		0.535 570	9.982 307		756	7 18.2
245	9.446 763	26	9.464 458	28	0.535 542	9.982 305	2	755	8 20.8
246	9.446 789	26	9.464 486	28	0.535 514	9.982 303	2	754	9 23.4
		26		28			3		
247	9.446 815		9.464 514		0.535 486	9.982 300		753	
248	9.446 841	26	9.464 543	29	0.535 457	9.982 298	2	752	
249	9.446 867	26	9.464 571	28	0.535 429	9.982 296	2	751	
		26		28			2		
.250	9.446 893		9.464 599		0.535 401	9.982 294		**.750**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

73°.800 — 73°.750

16°.250 — 16°.300

16°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.446 893		9.464 599		0.535 401	9.982 294		**.750**	
		26		28			2		
251	9.446 919		9.464 627		0.535 373	9.982 292		749	
252	9.446 945	26	9.464 655	28	0.535 345	9.982 289	3	748	
253	9.446 971	26	9.464 684	29	0.535 316	9.982 287	2	747	
		26		28			2		
254	9.446 997		9.464 712		0.535 288	9.982 285		746	
255	9.447 023	26	9.464 740	28	0.535 260	9.982 283	2	745	
256	9.447 049	26	9.464 768	28	0.535 232	9.982 281	2	744	
		26		28			3		
257	9.447 075		9.464 796		0.535 204	9.982 278		743	
258	9.447 101	26	9.464 825	29	0.535 175	9.982 276	2	742	
259	9.447 127	26	9.464 853	28	0.535 147	9.982 274	2	741	
		26		28			2		
.260	9.447 153		9.464 881		0.535 119	9.982 272		**.740**	
		26		28			3		
261	9.447 179		9.464 909		0.535 091	9.982 269		739	
262	9.447 205	26	9.464 937	28	0.535 063	9.982 267	2	738	
263	9.447 231	26	9.464 966	29	0.535 034	9.982 265	2	737	
		26		28			2		
264	9.447 257		9.464 994		0.535 006	9.982 263		736	
265	9.447 283	26	9.465 022	28	0.534 978	9.982 261	2	735	
266	9.447 309	26	9.465 050	28	0.534 950	9.982 258	3	734	
		26		28			2		
267	9.447 335		9.465 078		0.534 922	9.982 256		733	
268	9.447 361	26	9.465 107	29	0.534 893	9.982 254	2	732	
269	9.447 387	26	9.465 135	28	0.534 865	9.982 252	2	731	
		26		28			2		
.270	9.447 413		9.465 163		0.534 837	9.982 250		**.730**	
		25		28			3		
271	9.447 438		9.465 191		0.534 809	9.982 247		729	
272	9.447 464	26	9.465 219	28	0.534 781	9.982 245	2	728	
273	9.447 490	26	9.465 247	28	0.534 753	9.982 243	2	727	
		26		29			2		
274	9.447 516		9.465 276		0.534 724	9.982 241		726	
275	9.447 542	26	9.465 304	28	0.534 696	9.982 239	2	725	
276	9.447 568	26	9.465 332	28	0.534 668	9.982 236	3	724	
		26		28			2		
277	9.447 594		9.465 360		0.534 640	9.982 234		723	
278	9.447 620	26	9.465 388	28	0.534 612	9.982 232	2	722	
279	9.447 646	26	9.465 417	29	0.534 583	9.982 230	2	721	
		26		28			3		
.280	9.447 672		9.465 445		0.534 555	9.982 227		**.720**	
		26		28			2		
281	9.447 698		9.465 473		0.534 527	9.982 225		719	
282	9.447 724	26	9.465 501	28	0.534 499	9.982 223	2	718	
283	9.447 750	26	9.465 529	28	0.534 471	9.982 221	2	717	
		26		28			2		
284	9.447 776		9.465 557		0.534 443	9.982 219		716	
285	9.447 802	26	9.465 586	29	0.534 414	9.982 216	3	715	
286	9.447 828	26	9.465 614	28	0.534 386	9.982 214	2	714	
		26		28			2		
287	9.447 854		9.465 642		0.534 358	9.982 212		713	
288	9.447 880	26	9.465 670	28	0.534 330	9.982 210	2	712	
289	9.447 906	26	9.465 698	28	0.534 302	9.982 208	2	711	
		26		28			3		
.290	9.447 932		9.465 726		0.534 274	9.982 205		**.710**	
		26		28			2		
291	9.447 958		9.465 754		0.534 246	9.982 203		709	
292	9.447 983	25	9.465 783	29	0.534 217	9.982 201	2	708	
293	9.448 009	26	9.465 811	28	0.534 189	9.982 199	2	707	
		26		28			3		
294	9.448 035		9.465 839		0.534 161	9.982 196		706	
295	9.448 061	26	9.465 867	28	0.534 133	9.982 194	2	705	
296	9.448 087	26	9.465 895	28	0.534 105	9.982 192	2	704	
		26		28			2		
297	9.448 113		9.465 923		0.534 077	9.982 190		703	
298	9.448 139	26	9.465 951	28	0.534 049	9.982 188	2	702	
299	9.448 165	26	9.465 980	29	0.534 020	9.982 185	3	701	
		26		28			2		
.300	9.448 191		9.466 008		0.533 992	9.982 183		**.700**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.750 — 73°.700

16°.300 — 16°.350

16°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.448 191		9.466 008		0.533 992	9.982 183		.700	
		26		28			2		
301	9.448 217		9.466 036		0.533 964	9.982 181		699	
302	9.448 243	26	9.466 064	28	0.533 936	9.982 179	2	698	
303	9.448 269	26	9.466 092	28	0.533 908	9.982 176	3	697	
		26		28			2		29
304	9.448 295		9.466 120		0.533 880	9.982 174		696	1 2.9
305	9.448 320	25	9.466 148	28	0.533 852	9.982 172	2	695	2 5.8
306	9.448 346	26	9.466 177	29	0.533 823	9.982 170	2	694	3 8.7
		26		28			2		4 11.6
307	9.448 372		9.466 205		0.533 795	9.982 168		693	5 14.5
308	9.448 398	26	9.466 233	28	0.533 767	9.982 165	3	692	6 17.4
309	9.448 424	26	9.466 261	28	0.533 739	9.982 163	2	691	7 20.3
		26		28			2		8 23.2
.310	9.448 450		9.466 289		0.533 711	9.982 161		.690	9 26.1
		26		28			2		
311	9.448 476		9.466 317		0.533 683	9.982 159		689	
312	9.448 502	26	9.466 345	28	0.533 655	9.982 157	2	688	
313	9.448 528	26	9.466 373	28	0.533 627	9.982 154	3	687	
		26		29			2		
314	9.448 554		9.466 402		0.533 598	9.982 152		686	
315	9.448 580	26	9.466 430	28	0.533 570	9.982 150	2	685	28
316	9.448 605	25	9.466 458	28	0.533 542	9.982 148	2	684	1 2.8
		26		28			3		2 5.6
317	9.448 631		9.466 486		0.533 514	9.982 145		683	3 8.4
318	9.448 657	26	9.466 514	28	0.533 486	9.982 143	2	682	4 11.2
319	9.448 683	26	9.466 542	28	0.533 458	9.982 141	2	681	5 14.0
		26		28			2		6 16.8
.320	9.448 709		9.466 570		0.533 430	9.982 139		.680	7 19.6
		26		28			2		8 22.4
321	9.448 735		9.466 598		0.533 402	9.982 137		679	9 25.2
322	9.448 761	26	9.466 626	28	0.533 374	9.982 134	3	678	
323	9.448 787	26	9.466 655	29	0.533 345	9.982 132	2	677	
		26		28			2		
324	9.448 813		9.466 683		0.533 317	9.982 130		676	
325	9.448 838	25	9.466 711	28	0.533 289	9.982 128	2	675	
326	9.448 864	26	9.466 739	28	0.533 261	9.982 125	3	674	
		26		28			2		26
327	9.448 890		9.466 767		0.533 233	9.982 123		673	1 2.6
328	9.448 916	26	9.466 795	28	0.533 205	9.982 121	2	672	2 5.2
329	9.448 942	26	9.466 823	28	0.533 177	9.982 119	2	671	3 7.8
		26		28			2		4 10.4
.330	9.448 968		9.466 851		0.533 149	9.982 117		.670	5 13.0
		26		28			3		6 15.6
331	9.448 994		9.466 879		0.533 121	9.982 114		669	7 18.2
332	9.449 020	26	9.466 907	28	0.533 093	9.982 112	2	668	8 20.8
333	9.449 045	25	9.466 935	28	0.533 065	9.982 110	2	667	9 23.4
		26		29			2		
334	9.449 071		9.466 964		0.533 036	9.982 108		666	
335	9.449 097	26	9.466 992	28	0.533 008	9.982 105	3	665	
336	9.449 123	26	9.467 020	28	0.532 980	9.982 103	2	664	
		26		28			2		
337	9.449 149		9.467 048		0.532 952	9.982 101		663	
338	9.449 175	26	9.467 076	28	0.532 924	9.982 099	2	662	
339	9.449 201	26	9.467 104	28	0.532 896	9.982 097	2	661	25
		25		28			3		
.340	9.449 226		9.467 132		0.532 868	9.982 094		.660	1 2.5
		26		28			2		2 5.0
341	9.449 252		9.467 160		0.532 840	9.982 092		659	3 7.5
342	9.449 278	26	9.467 188	28	0.532 812	9.982 090	2	658	4 10.0
343	9.449 304	26	9.467 216	28	0.532 784	9.982 088	2	657	5 12.5
		26		28			3		6 15.0
344	9.449 330		9.467 244		0.532 756	9.982 085		656	7 17.5
345	9.449 356	26	9.467 272	28	0.532 728	9.982 083	2	655	8 20.0
346	9.449 382	26	9.467 300	28	0.532 700	9.982 081	2	654	9 22.5
		25		29			2		
347	9.449 407		9.467 329		0.532 671	9.982 079		653	
348	9.449 433	26	9.467 357	28	0.532 643	9.982 077	2	652	
349	9.449 459	26	9.467 385	28	0.532 615	9.982 074	3	651	
		26		28			2		
.350	9.449 485		9.467 413		0.532 587	9.982 072		.650	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.700 — 73°.650

$16^\circ.350$ — $16^\circ.400$

16°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.449 485		9.467 413		0.532 587	9.982 072		**.650**	
		26		28			2		
351	9.449 511		9.467 441		0.532 559	9.982 070		649	
		26		28			2		
352	9.449 537		9.467 469		0.532 531	9.982 068		648	
		25		28			3		
353	9.449 562		9.467 497		0.532 503	9.982 065		647	
		26		28			2		
354	9.449 588		9.467 525		0.532 475	9.982 063		646	
		26		28			2		
355	9.449 614		9.467 553		0.532 447	9.982 061		645	
		26		28			2		
356	9.449 640		9.467 581		0.532 419	9.982 059		644	
		26		28			2		
357	9.449 666		9.467 609		0.532 391	9.982 057		643	
		26		28			3		
358	9.449 692		9.467 637		0.532 363	9.982 054		642	
		25		28			2		
359	9.449 717		9.467 665		0.532 335	9.982 052		641	
		26		28			2		
.360	9.449 743		9.467 693		0.532 307	9.982 050		**.640**	
		26		28			2		
361	9.449 769		9.467 721		0.532 279	9.982 048		639	
		26		28			3		
362	9.449 795		9.467 749		0.532 251	9.982 045		638	
		26		28			2		
363	9.449 821		9.467 777		0.532 223	9.982 043		637	
		25		28			2		
364	9.449 846		9.467 805		0.532 195	9.982 041		636	
		26		28			2		
365	9.449 872		9.467 833		0.532 167	9.982 039		635	
		26		29			2		
366	9.449 898		9.467 862		0.532 138	9.982 037		634	
		26		28			3		
367	9.449 924		9.467 890		0.532 110	9.982 034		633	
		26		28			2		
368	9.449 950		9.467 918		0.532 082	9.982 032		632	
		25		28			2		
369	9.449 975		9.467 946		0.532 054	9.982 030		631	
		26		28			2		
.370	9.450 001		9.467 974		0.532 026	9.982 028		**.630**	
		26		28			3		
371	9.450 027		9.468 002		0.531 998	9.982 025		629	
		26		28			2		
372	9.450 053		9.468 030		0.531 970	9.982 023		628	
		26		28			2		
373	9.450 079		9.468 058		0.531 942	9.982 021		627	
		25		28			2		
374	9.450 104		9.468 086		0.531 914	9.982 019		626	
		26		28			3		
375	9.450 130		9.468 114		0.531 886	9.982 016		625	
		26		28			2		
376	9.450 156		9.468 142		0.531 858	9.982 014		624	
		26		28			2		
377	9.450 182		9.468 170		0.531 830	9.982 012		623	
		26		28			2		
378	9.450 208		9.468 198		0.531 802	9.982 010		622	
		25		28			2		
379	9.450 233		9.468 226		0.531 774	9.982 008		621	
		26		28			3		
.380	9.450 259		9.468 254		0.531 746	9.982 005		**.620**	
		26		28			2		
381	9.450 285		9.468 282		0.531 718	9.982 003		619	
		26		28			2		
382	9.450 311		9.468 310		0.531 690	9.982 001		618	
		26		28			2		
383	9.450 337		9.468 338		0.531 662	9.981 999		617	
		25		28			3		
384	9.450 362		9.468 366		0.531 634	9.981 996		616	
		26		28			2		
385	9.450 388		9.468 394		0.531 606	9.981 994		615	
		26		28			2		
386	9.450 414		9.468 422		0.531 578	9.981 992		614	
		26		28			2		
387	9.450 440		9.468 450		0.531 550	9.981 990		613	
		25		28			2		
388	9.450 465		9.468 478		0.531 522	9.981 988		612	
		26		28			3		
389	9.450 491		9.468 506		0.531 494	9.981 985		611	
		26		28			2		
.390	9.450 517		9.468 534		0.531 466	9.981 983		**.610**	
		26		28			2		
391	9.450 543		9.468 562		0.531 438	9.981 981		609	
		26		28			2		
392	9.450 569		9.468 590		0.531 410	9.981 979		608	
		25		28			3		
393	9.450 594		9.468 618		0.531 382	9.981 976		607	
		26		28			2		
394	9.450 620		9.468 646		0.531 354	9.981 974		606	
		26		28			2		
395	9.450 646		9.468 674		0.531 326	9.981 972		605	
		26		28			2		
396	9.450 672		9.468 702		0.531 298	9.981 970		604	
		25		28			3		
397	9.450 697		9.468 730		0.531 270	9.981 967		603	
		26		28			2		
398	9.450 723		9.468 758		0.531 242	9.981 965		602	
		26		28			2		
399	9.450 749		9.468 786		0.531 214	9.981 963		601	
		26		28			2		
.400	9.450 775		9.468 814		0.531 186	9.981 961		**.600**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

$73^\circ.650$ — $73^\circ.600$

16°.400 — 16°.450

16°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.450 775		9.468 814		0.531 186	9.981 961		.600	
		25		28			2		
401	9.450 800		9.468 842		0.531 158	9.981 959		599	
402	9.450 826	26	9.468 870	28	0.531 130	9.981 956	3	598	
403	9.450 852	26	9.468 898	28	0.531 102	9.981 954	2	597	
		26		28			2		28
404	9.450 878		9.468 926		0.531 074	9.981 952		596	1 2.8
405	9.450 903	25	9.468 954	28	0.531 046	9.981 950	2	595	2 5.6
406	9.450 929	26	9.468 982	28	0.531 018	9.981 947	3	594	3 8.4
		26		28			2		4 11.2
407	9.450 955		9.469 010		0.530 990	9.981 945		593	5 14.0
408	9.450 981	26	9.469 038	28	0.530 962	9.981 943	2	592	6 16.8
409	9.451 006	25	9.469 066	28	0.530 934	9.981 941	2	591	7 19.6
		26		28			3		8 22.4
.410	9.451 032		9.469 094		0.530 906	9.981 938		.590	9 25.2
		26		28			2		
411	9.451 058		9.469 122		0.530 878	9.981 936		589	
412	9.451 084	26	9.469 150	28	0.530 850	9.981 934	2	588	
413	9.451 109	25	9.469 178	28	0.530 822	9.981 932	2	587	
		26		28			2		
414	9.451 135		9.469 206		0.530 794	9.981 930		586	
415	9.451 161	26	9.469 233	27	0.530 767	9.981 927	3	585	
416	9.451 187	26	9.469 261	28	0.530 739	9.981 925	2	584	27
		25		28			2		1 2.7
417	9.451 212		9.469 289		0.530 711	9.981 923		583	2 5.4
418	9.451 238	26	9.469 317	28	0.530 683	9.981 921	2	582	3 8.1
419	9.451 264	26	9.469 345	28	0.530 655	9.981 918	3	581	4 10.8
		25		28			2		5 13.5
.420	9.451 289		9.469 373		0.530 627	9.981 916		.580	6 16.2
		26		28			2		7 18.9
421	9.451 315		9.469 401		0.530 599	9.981 914		579	8 21.6
422	9.451 341	26	9.469 429	28	0.530 571	9.981 912	2	578	9 24.3
423	9.451 367	26	9.469 457	28	0.530 543	9.981 909	3	577	
		25		28			2		
424	9.451 392		9.469 485		0.530 515	9.981 907		576	
425	9.451 418	26	9.469 513	28	0.530 487	9.981 905	2	575	
426	9.451 444	26	9.469 541	28	0.530 459	9.981 903	2	574	
		25		28			3		
427	9.451 469		9.469 569		0.530 431	9.981 900		573	26
428	9.451 495	26	9.469 597	28	0.530 403	9.981 898	2	572	
429	9.451 521	26	9.469 625	28	0.530 375	9.981 896	2	571	1 2.6
		26		28			2		2 5.2
.430	9.451 547		9.469 653		0.530 347	9.981 894		.570	3 7.8
		25		28			2		4 10.4
431	9.451 572		9.469 681		0.530 319	9.981 892		569	5 13.0
432	9.451 598	26	9.469 709	28	0.530 291	9.981 889	3	568	6 15.6
433	9.451 624	26	9.469 737	28	0.530 263	9.981 887	2	567	7 18.2
		25		27			2		8 20.8
434	9.451 649		9.469 764		0.530 236	9.981 885		566	9 23.4
435	9.451 675	26	9.469 792	28	0.530 208	9.981 883	2	565	
436	9.451 701	26	9.469 820	28	0.530 180	9.981 880	3	564	
		25		28			2		
437	9.451 726		9.469 848		0.530 152	9.981 878		563	
438	9.451 752	26	9.469 876	28	0.530 124	9.981 876	2	562	
439	9.451 778	26	9.469 904	28	0.530 096	9.981 874	2	561	25
		25		28			3		
.440	9.451 803		9.469 932		0.530 068	9.981 871		.560	1 2.5
		26		28			2		2 5.0
441	9.451 829		9.469 960		0.530 040	9.981 869		559	3 7.5
442	9.451 855	26	9.469 988	28	0.530 012	9.981 867	2	558	4 10.0
443	9.451 881	26	9.470 016	28	0.529 984	9.981 865	2	557	5 12.5
		25		28			3		6 15.0
444	9.451 906		9.470 044		0.529 956	9.981 862		556	7 17.5
445	9.451 932	26	9.470 072	28	0.529 928	9.981 860	2	555	8 20.0
446	9.451 958	26	9.470 100	28	0.529 900	9.981 858	2	554	9 22.5
		25		28			2		
447	9.451 983		9.470 128		0.529 872	9.981 856		553	
448	9.452 009	26	9.470 155	27	0.529 845	9.981 854	2	552	
449	9.452 035	26	9.470 183	28	0.529 817	9.981 851	3	551	
		25		28			2		
.450	9.452 060		9.470 211		0.529 789	9.981 849		.550	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.600 — 73°.550

16°.450 — 16°.500

16°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.452 060		9.470 211		0.529 789	9.981 849		**.550**	
		26		28			2		
451	9.452 086		9.470 239		0.529 761	9.981 847		549	
		26		28			2		
452	9.452 112		9.470 267		0.529 733	9.981 845		548	
		25		28			3		
453	9.452 137		9.470 295		0.529 705	9.981 842		547	
		26		28			2		
454	9.452 163		9.470 323		0.529 677	9.981 840		546	
		26		28			2		
455	9.452 189		9.470 351		0.529 649	9.981 838		545	
		25		28			2		
456	9.452 214		9.470 379		0.529 621	9.981 836		544	
		26		28			3		
457	9.452 240		9.470 407		0.529 593	9.981 833		543	
		26		27			2		
458	9.452 266		9.470 434		0.529 566	9.981 831		542	
		25		28			2		
459	9.452 291		9.470 462		0.529 538	9.981 829		541	
		26		28			2		
.460	9.452 317		9.470 490		0.529 510	9.981 827		**.540**	
		26		28			3		
461	9.452 343		9.470 518		0.529 482	9.981 824		539	
		25		28			2		
462	9.452 368		9.470 546		0.529 454	9.981 822		538	
		26		28			2		
463	9.452 394		9.470 574		0.529 426	9.981 820		537	
		26		28			2		
464	9.452 420		9.470 602		0.529 398	9.981 818		536	
		25		28			3		
465	9.452 445		9.470 630		0.529 370	9.981 815		535	
		26		28			2		
466	9.452 471		9.470 658		0.529 342	9.981 813		534	
		25		27			2		
467	9.452 496		9.470 685		0.529 315	9.981 811		533	
		26		28			2		
468	9.452 522		9.470 713		0.529 287	9.981 809		532	
		26		28			3		
469	9.452 548		9.470 741		0.529 259	9.981 806		531	
		25		28			2		
.470	9.452 573		9.470 769		0.529 231	9.981 804		**.530**	
		26		28			2		
471	9.452 599		9.470 797		0.529 203	9.981 802		529	
		26		28			2		
472	9.452 625		9.470 825		0.529 175	9.981 800		528	
		25		28			2		
473	9.452 650		9.470 853		0.529 147	9.981 798		527	
		26		28			3		
474	9.452 676		9.470 881		0.529 119	9.981 795		526	
		26		28			2		
475	9.452 702		9.470 909		0.529 091	9.981 793		525	
		25		27			2		
476	9.452 727		9.470 936		0.529 064	9.981 791		524	
		26		28			2		
477	9.452 753		9.470 964		0.529 036	9.981 789		523	
		25		28			3		
478	9.452 778		9.470 992		0.529 008	9.981 786		522	
		26		28			2		
479	9.452 804		9.471 020		0.528 980	9.981 784		521	
		26		28			2		
.480	9.452 830		9.471 048		0.528 952	9.981 782		**.520**	
		25		28			2		
481	9.452 855		9.471 076		0.528 924	9.981 780		519	
		26		28			3		
482	9.452 881		9.471 104		0.528 896	9.981 777		518	
		26		27			2		
483	9.452 907		9.471 131		0.528 869	9.981 775		517	
		25		28			2		
484	9.452 932		9.471 159		0.528 841	9.981 773		516	
		26		28			2		
485	9.452 958		9.471 187		0.528 813	9.981 771		515	
		25		28			3		
486	9.452 983		9.471 215		0.528 785	9.981 768		514	
		26		28			2		
487	9.453 009		9.471 243		0.528 757	9.981 766		513	
		26		28			2		
488	9.453 035		9.471 271		0.528 729	9.981 764		512	
		25		28			2		
489	9.453 060		9.471 299		0.528 701	9.981 762		511	
		26		27			3		
.490	9.453 086		9.471 326		0.528 674	9.981 759		**.510**	
		25		28			2		
491	9.453 111		9.471 354		0.528 646	9.981 757		509	
		26		28			2		
492	9.453 137		9.471 382		0.528 618	9.981 755		508	
		26		28			2		
493	9.453 163		9.471 410		0.528 590	9.981 753		507	
		25		28			3		
494	9.453 188		9.471 438		0.528 562	9.981 750		506	
		26		28			2		
495	9.453 214		9.471 466		0.528 534	9.981 748		505	
		25		27			2		
496	9.453 239		9.471 493		0.528 507	9.981 746		504	
		26		28			2		
497	9.453 265		9.471 521		0.528 479	9.981 744		503	
		26		28			3		
498	9.453 291		9.471 549		0.528 451	9.981 741		502	
		25		28			2		
499	9.453 316		9.471 577		0.528 423	9.981 739		501	
		26		28			2		
.500	9.453 342		9.471 605		0.528 395	9.981 737		**.500**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.550 — 73°.500

16°.500 — 16°.550

16°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.453 342		9.471 605		0.528 395	9.981 737		.500	
		25		28			2		
501	9.453 367		9.471 633		0.528 367	9.981 735		499	
502	9.453 393	26	9.471 661	28	0.528 339	9.981 732	3	498	
503	9.453 419	26	9.471 688	27	0.528 312	9.981 730	2	497	
		25		28			2		28
504	9.453 444		9.471 716		0.528 284	9.981 728		496	1 2.8
505	9.453 470	26	9.471 744	28	0.528 256	9.981 726	2	495	2 5.6
506	9.453 495	25	9.471 772	28	0.528 228	9.981 723	3	494	3 8.4
		26		28			2		4 11.2
507	9.453 521		9.471 800		0.528 200	9.981 721		493	5 14.0
508	9.453 546	25	9.471 827	27	0.528 173	9.981 719	2	492	6 16.8
509	9.453 572	26	9.471 855	28	0.528 145	9.981 717	2	491	7 19.6
		26		28			2		8 22.4
.510	9.453 598		9.471 883		0.528 117	9.981 715		.490	9 25.2
		25		28			3		
511	9.453 623		9.471 911		0.528 089	9.981 712		489	
512	9.453 649	26	9.471 939	28	0.528 061	9.981 710	2	488	
513	9.453 674	25	9.471 967	28	0.528 033	9.981 708	2	487	
		26		27			2		
514	9.453 700		9.471 994		0.528 006	9.981 706		486	
515	9.453 725	25	9.472 022	28	0.527 978	9.981 703	3	485	
516	9.453 751	26	9.472 050	28	0.527 950	9.981 701	2	484	27
		26		28			2		
517	9.453 777		9.472 078		0.527 922	9.981 699		483	1 2.7
518	9.453 802	25	9.472 106	28	0.527 894	9.981 697	2	482	2 5.4
519	9.453 828	26	9.472 133	27	0.527 867	9.981 694	3	481	3 8.1
		25		28			2		4 10.8
.520	9.453 853		9.472 161		0.527 839	9.981 692		.480	5 13.5
		26		28			2		6 16.2
521	9.453 879		9.472 189		0.527 811	9.981 690		479	7 18.9
522	9.453 904	25	9.472 217	28	0.527 783	9.981 688	2	478	8 21.6
523	9.453 930	26	9.472 245	28	0.527 755	9.981 685	3	477	9 24.3
		25		27			2		
524	9.453 955		9.472 272		0.527 728	9.981 683		476	
525	9.453 981	26	9.472 300	28	0.527 700	9.981 681	2	475	
526	9.454 007	26	9.472 328	28	0.527 672	9.981 679	2	474	
		25		28			3		
527	9.454 032		9.472 356		0.527 644	9.981 676		473	26
528	9.454 058	26	9.472 384	28	0.527 616	9.981 674	2	472	
529	9.454 083	25	9.472 411	27	0.527 589	9.981 672	2	471	1 2.6
		26		28			2		2 5.2
.530	9.454 109		9.472 439		0.527 561	9.981 670		.470	3 7.8
		25		28			3		4 10.4
531	9.454 134		9.472 467		0.527 533	9.981 667		469	5 13.0
532	9.454 160	26	9.472 495	28	0.527 505	9.981 665	2	468	6 15.6
533	9.454 185	25	9.472 523	28	0.527 477	9.981 663	2	467	7 18.2
		26		27			2		8 20.8
534	9.454 211		9.472 550		0.527 450	9.981 661		466	9 23.4
535	9.454 236	25	9.472 578	28	0.527 422	9.981 658	3	465	
536	9.454 262	26	9.472 606	28	0.527 394	9.981 656	2	464	
		25		28			2		
537	9.454 287		9.472 634		0.527 366	9.981 654		463	25
538	9.454 313	26	9.472 661	27	0.527 339	9.981 652	2	462	
539	9.454 339	26	9.472 689	28	0.527 311	9.981 649	3	461	1 2.5
		25		28			2		2 5.0
.540	9.454 364		9.472 717		0.527 283	9.981 647		.460	3 7.5
		26		28			2		4 10.0
541	9.454 390		9.472 745		0.527 255	9.981 645		459	5 12.5
542	9.454 415	25	9.472 773	28	0.527 227	9.981 643	2	458	6 15.0
543	9.454 441	26	9.472 800	27	0.527 200	9.981 640	3	457	7 17.5
		25		28			2		8 20.0
544	9.454 466		9.472 828		0.527 172	9.981 638		456	9 22.5
545	9.454 492	26	9.472 856	28	0.527 144	9.981 636	2	455	
546	9.454 517	25	9.472 884	28	0.527 116	9.981 634	2	454	
		26		27			3		
547	9.454 543		9.472 911		0.527 089	9.981 631		453	
548	9.454 568	25	9.472 939	28	0.527 061	9.981 629	2	452	
549	9.454 594	26	9.472 967	28	0.527 033	9.981 627	2	451	
		25		28			2		
.550	9.454 619		9.472 995		0.527 005	9.981 625		.450	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.500 — 73°.450

16°.550 — 16°.600

16°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.454 619		9.472 995		0.527 005	9.981 625		**.450**	
		26		27			3		
551	9.454 645		9.473 022		0.526 978	9.981 622		449	
552	9.454 670	25	9.473 050	28	0.526 950	9.981 620	2	448	
553	9.454 696	26	9.473 078	28	0.526 922	9.981 618	2	447	
		25		28			2		28
554	9.454 721		9.473 106		0.526 894	9.981 616		446	1 2.8
555	9.454 747	26	9.473 133	27	0.526 867	9.981 613	3	445	2 5.6
556	9.454 772	25	9.473 161	28	0.526 839	9.981 611	2	444	3 8.4
		26		28			2		4 11.2
557	9.454 798		9.473 189		0.526 811	9.981 609		443	5 14.0
558	9.454 823	25	9.473 217	28	0.526 783	9.981 606	3	442	6 16.8
559	9.454 849	26	9.473 244	27	0.526 756	9.981 604	2	441	7 19.6
		25		28			2		8 22.4
.560	9.454 874		9.473 272		0.526 728	9.981 602		**.440**	9 25.2
		26		28			2		
561	9.454 900		9.473 300		0.526 700	9.981 600		439	
562	9.454 925	25	9.473 328	28	0.526 672	9.981 597	3	438	
563	9.454 951	26	9.473 355	27	0.526 645	9.981 595	2	437	
		25		28			2		
564	9.454 976		9.473 383		0.526 617	9.981 593		436	
565	9.455 002	26	9.473 411	28	0.526 589	9.981 591	2	435	
566	9.455 027	25	9.473 439	28	0.526 561	9.981 588	3	434	27
		26		27			2		1 2.7
567	9.455 053		9.473 466		0.526 534	9.981 586		433	2 5.4
568	9.455 078	25	9.473 494	28	0.526 506	9.981 584	2	432	3 8.1
569	9.455 104	26	9.473 522	28	0.526 478	9.981 582	2	431	4 10.8
		25		28			3		5 13.5
.570	9.455 129		9.473 550		0.526 450	9.981 579		**.430**	6 16.2
		26		27			2		7 18.9
571	9.455 155		9.473 577		0.526 423	9.981 577		429	8 21.6
572	9.455 180	25	9.473 605	28	0.526 395	9.981 575	2	428	9 24.3
573	9.455 205	25	9.473 633	28	0.526 367	9.981 573	2	427	
		26		28			3		
574	9.455 231		9.473 661		0.526 339	9.981 570		426	
575	9.455 256	25	9.473 688	27	0.526 312	9.981 568	2	425	
576	9.455 282	26	9.473 716	28	0.526 284	9.981 566	2	424	
		25		28			2		
577	9.455 307		9.473 744		0.526 256	9.981 564		423	26
578	9.455 333	26	9.473 771	27	0.526 229	9.981 561	3	422	1 2.6
579	9.455 358	25	9.473 799	28	0.526 201	9.981 559	2	421	2 5.2
		26		28			2		3 7.8
.580	9.455 384		9.473 827		0.526 173	9.981 557		**.420**	4 10.4
		25		28			2		5 13.0
581	9.455 409		9.473 855		0.526 145	9.981 555		419	6 15.6
582	9.455 435	26	9.473 882	27	0.526 118	9.981 552	3	418	7 18.2
583	9.455 460	25	9.473 910	28	0.526 090	9.981 550	2	417	8 20.8
		26		28			2		9 23.4
584	9.455 486		9.473 938		0.526 062	9.981 548		416	
585	9.455 511	25	9.473 965	27	0.526 035	9.981 546	2	415	
586	9.455 536	25	9.473 993	28	0.526 007	9.981 543	3	414	
		26		28			2		
587	9.455 562		9.474 021		0.525 979	9.981 541		413	
588	9.455 587	25	9.474 049	28	0.525 951	9.981 539	2	412	
589	9.455 613	26	9.474 076	27	0.525 924	9.981 537	2	411	25
		25		28			3		
.590	9.455 638		9.474 104		0.525 896	9.981 534		**.410**	1 2.5
		26		28			2		2 5.0
591	9.455 664		9.474 132		0.525 868	9.981 532		409	3 7.5
592	9.455 689	25	9.474 159	27	0.525 841	9.981 530	2	408	4 10.0
593	9.455 715	26	9.474 187	28	0.525 813	9.981 528	2	407	5 12.5
		25		28			3		6 15.0
594	9.455 740		9.474 215		0.525 785	9.981 525		406	7 17.5
595	9.455 765	25	9.474 242	27	0.525 758	9.981 523	2	405	8 20.0
596	9.455 791	26	9.474 270	28	0.525 730	9.981 521	2	404	9 22.5
		25		28			3		
597	9.455 816		9.474 298		0.525 702	9.981 518		403	
598	9.455 842	26	9.474 325	27	0.525 675	9.981 516	2	402	
599	9.455 867	25	9.474 353	28	0.525 647	9.981 514	2	401	
		26		28			2		
.600	9.455 893		9.474 381		0.525 619	9.981 512		**.400**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

73°.450 — 73°.400

16°.600 — 16°.650

16°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.455 893		9.474 381		0.525 619	9.981 512		.400	
		25		28			3		
601	9.455 918		9.474 409		0.525 591	9.981 509		399	
602	9.455 943	25	9.474 436	27	0.525 564	9.981 507	2	398	
603	9.455 969	26	9.474 464	28	0.525 536	9.981 505	2	397	
		25		28			2		
604	9.455 994		9.474 492		0.525 508	9.981 503		396	
605	9.456 020	26	9.474 519	27	0.525 481	9.981 500	3	395	
606	9.456 045	25	9.474 547	28	0.525 453	9.981 498	2	394	
		26		28			2		
607	9.456 071		9.474 575		0.525 425	9.981 496		393	
608	9.456 096	25	9.474 602	27	0.525 398	9.981 494	2	392	
609	9.456 121	25	9.474 630	28	0.525 370	9.981 491	3	391	
		26		28			2		
.610	9.456 147		9.474 658		0.525 342	9.981 489		.390	
		25		27			2		
611	9.456 172		9.474 685		0.525 315	9.981 487		389	
612	9.456 198	26	9.474 713	28	0.525 287	9.981 485	2	388	
613	9.456 223	25	9.474 741	28	0.525 259	9.981 482	3	387	
		25		27			2		
614	9.456 248		9.474 768		0.525 232	9.981 480		386	
615	9.456 274	26	9.474 796	28	0.525 204	9.981 478	2	385	
616	9.456 299	25	9.474 824	28	0.525 176	9.981 476	2	384	
		26		27			3		
617	9.456 325		9.474 851		0.525 149	9.981 473		383	
618	9.456 350	25	9.474 879	28	0.525 121	9.981 471	2	382	
619	9.456 375	25	9.474 907	28	0.525 093	9.981 469	2	381	
		26		27			3		
.620	9.456 401		9.474 934		0.525 066	9.981 466		.380	
		25		28			2		
621	9.456 426		9.474 962		0.525 038	9.981 464		379	
622	9.456 452	26	9.474 990	28	0.525 010	9.981 462	2	378	
623	9.456 477	25	9.475 017	27	0.524 983	9.981 460	2	377	
		25		28			3		
624	9.456 502		9.475 045		0.524 955	9.981 457		376	
625	9.456 528	26	9.475 073	28	0.524 927	9.981 455	2	375	
626	9.456 553	25	9.475 100	27	0.524 900	9.981 453	2	374	
		25		28			2		
627	9.456 578		9.475 128		0.524 872	9.981 451		373	
628	9.456 604	26	9.475 155	27	0.524 845	9.981 448	3	372	
629	9.456 629	25	9.475 183	28	0.524 817	9.981 446	2	371	
		26		28			2		
.630	9.456 655		9.475 211		0.524 789	9.981 444		.370	
		25		27			2		
631	9.456 680		9.475 238		0.524 762	9.981 442		369	
632	9.456 705	25	9.475 266	28	0.524 734	9.981 439	3	368	
633	9.456 731	26	9.475 294	28	0.524 706	9.981 437	2	367	
		25		27			2		
634	9.456 756		9.475 321		0.524 679	9.981 435		366	
635	9.456 781	25	9.475 349	28	0.524 651	9.981 433	2	365	
636	9.456 807	26	9.475 377	28	0.524 623	9.981 430	3	364	
		25		27			2		
637	9.456 832		9.475 404		0.524 596	9.981 428		363	
638	9.456 858	26	9.475 432	28	0.524 568	9.981 426	2	362	
639	9.456 883	25	9.475 459	27	0.524 541	9.981 423	3	361	
		25		28			2		
.640	9.456 908		9.475 487		0.524 513	9.981 421		.360	
		26		28			2		
641	9.456 934		9.475 515		0.524 485	9.981 419		359	
642	9.456 959	25	9.475 542	27	0.524 458	9.981 417	2	358	
643	9.456 984	25	9.475 570	28	0.524 430	9.981 414	3	357	
		26		28			2		
644	9.457 010		9.475 598		0.524 402	9.981 412		356	
645	9.457 035	25	9.475 625	27	0.524 375	9.981 410	2	355	
646	9.457 060	25	9.475 653	28	0.524 347	9.981 408	2	354	
		26		27			3		
647	9.457 086		9.475 680		0.524 320	9.981 405		353	
648	9.457 111	25	9.475 708	28	0.524 292	9.981 403	2	352	
649	9.457 136	25	9.475 736	28	0.524 264	9.981 401	2	351	
		26		27			2		
.650	9.457 162		9.475 763		0.524 237	9.981 399		.350	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.400 — 73°.350

16°.650 — 16°.700

16°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.457 162		9.475 763		0.524 237	9.981 399		.350	
		25		28			3		
651	9.457 187		9.475 791		0.524 209	9.981 396		349	
652	9.457 213	26	9.475 819	28	0.524 181	9.981 394	2	348	
653	9.457 238	25	9.475 846	27	0.524 154	9.981 392	2	347	
		25		28			3		28
654	9.457 263		9.475 874		0.524 126	9.981 389		346	1 2.8
655	9.457 289	26	9.475 901	27	0.524 099	9.981 387	2	345	2 5.6
656	9.457 314	25	9.475 929	28	0.524 071	9.981 385	2	344	3 8.4
		25		28			2		4 11.2
657	9.457 339		9.475 957		0.524 043	9.981 383		343	5 14.0
658	9.457 365	26	9.475 984	27	0.524 016	9.981 380	3	342	6 16.8
659	9.457 390	25	9.476 012	28	0.523 988	9.981 378	2	341	7 19.6
		25		27			2		8 22.4
.660	9.457 415		9.476 039		0.523 961	9.981 376		.340	9 25.2
		26		28			2		
661	9.457 441		9.476 067		0.523 933	9.981 374		339	
662	9.457 466	25	9.476 095	28	0.523 905	9.981 371	3	338	
663	9.457 491	25	9.476 122	27	0.523 878	9.981 369	2	337	
		26		28			2		
664	9.457 517		9.476 150		0.523 850	9.981 367		336	
665	9.457 542	25	9.476 177	27	0.523 823	9.981 365	2	335	
666	9.457 567	25	9.476 205	28	0.523 795	9.981 362	3	334	
		25		27			2		27
667	9.457 592		9.476 232		0.523 768	9.981 360		333	1 2.7
668	9.457 618	26	9.476 260	28	0.523 740	9.981 358	2	332	2 5.4
669	9.457 643	25	9.476 288	28	0.523 712	9.981 355	3	331	3 8.1
		25		27			2		4 10.8
.670	9.457 668		9.476 315		0.523 685	9.981 353		.330	5 13.5
		26		28			2		6 16.2
671	9.457 694		9.476 343		0.523 657	9.981 351		329	7 18.9
672	9.457 719	25	9.476 370	27	0.523 630	9.981 349	2	328	8 21.6
673	9.457 744	25	9.476 398	28	0.523 602	9.981 346	3	327	9 24.3
		26		28			2		
674	9.457 770		9.476 426		0.523 574	9.981 344		326	
675	9.457 795	25	9.476 453	27	0.523 547	9.981 342	2	325	
676	9.457 820	25	9.476 481	28	0.523 519	9.981 340	2	324	
		26		27			3		
677	9.457 846		9.476 508		0.523 492	9.981 337		323	26
678	9.457 871	25	9.476 536	28	0.523 464	9.981 335	2	322	
679	9.457 896	25	9.476 563	27	0.523 437	9.981 333	2	321	1 2.6
		25		28			3		2 5.2
.680	9.457 921		9.476 591		0.523 409	9.981 330		.320	3 7.8
		26		28			2		4 10.4
681	9.457 947		9.476 619		0.523 381	9.981 328		319	5 13.0
682	9.457 972	25	9.476 646	27	0.523 354	9.981 326	2	318	6 15.6
683	9.457 997	25	9.476 674	28	0.523 326	9.981 324	2	317	7 18.2
		26		27			3		8 20.8
684	9.458 023		9.476 701		0.523 299	9.981 321		316	9 23.4
685	9.458 048	25	9.476 729	28	0.523 271	9.981 319	2	315	
686	9.458 073	25	9.476 756	27	0.523 244	9.981 317	2	314	
		26		28			2		
687	9.458 099		9.476 784		0.523 216	9.981 315		313	
688	9.458 124	25	9.476 811	27	0.523 189	9.981 312	3	312	
689	9.458 149	25	9.476 839	28	0.523 161	9.981 310	2	311	25
		25		28			2		
.690	9.458 174		9.476 867		0.523 133	9.981 308		.310	1 2.5
		26		27			3		2 5.0
691	9.458 200		9.476 894		0.523 106	9.981 305		309	3 7.5
692	9.458 225	25	9.476 922	28	0.523 078	9.981 303	2	308	4 10.0
693	9.458 250	25	9.476 949	27	0.523 051	9.981 301	2	307	5 12.5
		25		28			2		6 15.0
694	9.458 275		9.476 977		0.523 023	9.981 299		306	7 17.5
695	9.458 301	26	9.477 004	27	0.522 996	9.981 296	3	305	8 20.0
696	9.458 326	25	9.477 032	28	0.522 968	9.981 294	2	304	9 22.5
		25		27			2		
697	9.458 351		9.477 059		0.522 941	9.981 292		303	
698	9.458 377	26	9.477 087	28	0.522 913	9.981 290	2	302	
699	9.458 402	25	9.477 115	28	0.522 885	9.981 287	3	301	
		25		27			2		
.700	9.458 427		9.477 142		0.522 858	9.981 285		.300	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.350 — 73°.300

16°.700 — 16°.750

16°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.458 427		9.477 142		0.522 858	9.981 285		.300	
		25		28			2		
701	9.458 452		9.477 170		0.522 830	9.981 283		299	
		26		27			3		
702	9.458 478		9.477 197		0.522 803	9.981 280		298	
		25		28			2		
703	9.458 503		9.477 225		0.522 775	9.981 278		297	
		25		27			2		
704	9.458 528		9.477 252		0.522 748	9.981 276		296	
		25		28			2		
705	9.458 553		9.477 280		0.522 720	9.981 274		295	
		26		27			3		
706	9.458 579		9.477 307		0.522 693	9.981 271		294	
		25		28			2		
707	9.458 604		9.477 335		0.522 665	9.981 269		293	
		25		27			2		
708	9.458 629		9.477 362		0.522 638	9.981 267		292	
		25		28			2		
709	9.458 654		9.477 390		0.522 610	9.981 265		291	
		26		27			3		
.710	9.458 680		9.477 417		0.522 583	9.981 262		.290	
		25		28			2		
711	9.458 705		9.477 445		0.522 555	9.981 260		289	
		25		27			2		
712	9.458 730		9.477 472		0.522 528	9.981 258		288	
		25		28			3		
713	9.458 755		9.477 500		0.522 500	9.981 255		287	
		26		27			2		
714	9.458 781		9.477 527		0.522 473	9.981 253		286	
		25		28			2		
715	9.458 806		9.477 555		0.522 445	9.981 251		285	
		25		28			2		
716	9.458 831		9.477 583		0.522 417	9.981 249		284	
		25		27			3		
717	9.458 856		9.477 610		0.522 390	9.981 246		283	
		26		28			2		
718	9.458 882		9.477 638		0.522 362	9.981 244		282	
		25		27			2		
719	9.458 907		9.477 665		0.522 335	9.981 242		281	
		25		28			2		
.720	9.458 932		9.477 693		0.522 307	9.981 240		.280	
		25		27			3		
721	9.458 957		9.477 720		0.522 280	9.981 237		279	
		26		28			2		
722	9.458 983		9.477 748		0.522 252	9.981 235		278	
		25		27			2		
723	9.459 008		9.477 775		0.522 225	9.981 233		277	
		25		28			3		
724	9.459 033		9.477 803		0.522 197	9.981 230		276	
		25		27			2		
725	9.459 058		9.477 830		0.522 170	9.981 228		275	
		25		28			2		
726	9.459 083		9.477 858		0.522 142	9.981 226		274	
		26		27			2		
727	9.459 109		9.477 885		0.522 115	9.981 224		273	
		25		28			3		
728	9.459 134		9.477 913		0.522 087	9.981 221		272	
		25		27			2		
729	9.459 159		9.477 940		0.522 060	9.981 219		271	
		25		28			2		
.730	9.459 184		9.477 968		0.522 032	9.981 217		.270	
		26		27			3		
731	9.459 210		9.477 995		0.522 005	9.981 214		269	
		25		28			2		
732	9.459 235		9.478 023		0.521 977	9.981 212		268	
		25		27			2		
733	9.459 260		9.478 050		0.521 950	9.981 210		267	
		25		28			2		
734	9.459 285		9.478 078		0.521 922	9.981 208		266	
		25		27			3		
735	9.459 310		9.478 105		0.521 895	9.981 205		265	
		26		28			2		
736	9.459 336		9.478 133		0.521 867	9.981 203		264	
		25		27			2		
737	9.459 361		9.478 160		0.521 840	9.981 201		263	
		25		28			2		
738	9.459 386		9.478 188		0.521 812	9.981 199		262	
		25		27			3		
739	9.459 411		9.478 215		0.521 785	9.981 196		261	
		25		27			2		
.740	9.459 436		9.478 242		0.521 758	9.981 194		.260	
		26		28			2		
741	9.459 462		9.478 270		0.521 730	9.981 192		259	
		25		27			3		
742	9.459 487		9.478 297		0.521 703	9.981 189		258	
		25		28			2		
743	9.459 512		9.478 325		0.521 675	9.981 187		257	
		25		27			2		
744	9.459 537		9.478 352		0.521 648	9.981 185		256	
		25		28			2		
745	9.459 562		9.478 380		0.521 620	9.981 183		255	
		26		27			3		
746	9.459 588		9.478 407		0.521 593	9.981 180		254	
		25		28			2		
747	9.459 613		9.478 435		0.521 565	9.981 178		253	
		25		27			2		
748	9.459 638		9.478 462		0.521 538	9.981 176		252	
		25		28			3		
749	9.459 663		9.478 490		0.521 510	9.981 173		251	
		25		27			2		
.750	9.459 688		9.478 517		0.521 483	9.981 171		.250	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.300 — 73°.250

16°.750 — 16°.800

16°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.459 688		9.478 517		0.521 483	9.981 171		.250	
		26		28			2		
751	9.459 714		9.478 545		0.521 455	9.981 169		249	
752	9.459 739	25	9.478 572	27	0.521 428	9.981 167	2	248	
753	9.459 764	25	9.478 600	28	0.521 400	9.981 164	3	247	
		25		27			2		28
754	9.459 789		9.478 627		0.521 373	9.981 162		246	1 2.8
755	9.459 814	25	9.478 655	28	0.521 345	9.981 160	2	245	2 5.6
756	9.459 839	25	9.478 682	27	0.521 318	9.981 157	3	244	3 8.4
		26		27			2		4 11.2
757	9.459 865		9.478 709		0.521 291	9.981 155		243	5 14.0
758	9.459 890	25	9.478 737	28	0.521 263	9.981 153	2	242	6 16.8
759	9.459 915	25	9.478 764	27	0.521 236	9.981 151	2	241	7 19.6
		25		28			3		8 22.4
.760	9.459 940		9.478 792		0.521 208	9.981 148		.240	9 25.2
		25		27			2		
761	9.459 965		9.478 819		0.521 181	9.981 146		239	
762	9.459 990	25	9.478 847	28	0.521 153	9.981 144	2	238	
763	9.460 016	26	9.478 874	27	0.521 126	9.981 141	3	237	
		25		28			2		
764	9.460 041		9.478 902		0.521 098	9.981 139		236	
765	9.460 066	25	9.478 929	27	0.521 071	9.981 137	2	235	
766	9.460 091	25	9.478 956	27	0.521 044	9.981 135	2	234	27
		25		28			3		1 2.7
767	9.460 116		9.478 984		0.521 016	9.981 132		233	2 5.4
768	9.460 141	25	9.479 011	27	0.520 989	9.981 130	2	232	3 8.1
769	9.460 167	26	9.479 039	28	0.520 961	9.981 128	2	231	4 10.8
		25		27			3		5 13.5
.770	9.460 192		9.479 066		0.520 934	9.981 125		.230	6 16.2
		25		28			2		7 18.9
771	9.460 217		9.479 094		0.520 906	9.981 123		229	8 21.6
772	9.460 242	25	9.479 121	27	0.520 879	9.981 121	2	228	9 24.3
773	9.460 267	25	9.479 149	28	0.520 851	9.981 119	2	227	
		25		27			3		
774	9.460 292		9.479 176		0.520 824	9.981 116		226	
775	9.460 317	25	9.479 203	27	0.520 797	9.981 114	2	225	
776	9.460 343	26	9.479 231	28	0.520 769	9.981 112	2	224	
		25		27			2		
777	9.460 368		9.479 258		0.520 742	9.981 110		223	26
778	9.460 393	25	9.479 286	28	0.520 714	9.981 107	3	222	1 2.6
779	9.460 418	25	9.479 313	27	0.520 687	9.981 105	2	221	2 5.2
		25		28			2		3 7.8
.780	9.460 443		9.479 341		0.520 659	9.981 103		.220	4 10.4
		25		27			3		5 13.0
781	9.460 468		9.479 368		0.520 632	9.981 100		219	6 15.6
782	9.460 493	25	9.479 395	27	0.520 605	9.981 098	2	218	7 18.2
783	9.460 519	26	9.479 423	28	0.520 577	9.981 096	2	217	8 20.8
		25		27			2		9 23.4
784	9.460 544		9.479 450		0.520 550	9.981 094		216	
785	9.460 569	25	9.479 478	28	0.520 522	9.981 091	3	215	
786	9.460 594	25	9.479 505	27	0.520 495	9.981 089	2	214	
		25		27			2		
787	9.460 619		9.479 532		0.520 468	9.981 087		213	
788	9.460 644	25	9.479 560	28	0.520 440	9.981 084	3	212	
789	9.460 669	25	9.479 587	27	0.520 413	9.981 082	2	211	25
		25		28			2		
.790	9.460 694		9.479 615		0.520 385	9.981 080		.210	1 2.5
		26		27			3		2 5.0
791	9.460 720		9.479 642		0.520 358	9.981 077		209	3 7.5
792	9.460 745	25	9.479 670	28	0.520 330	9.981 075	2	208	4 10.0
793	9.460 770	25	9.479 697	27	0.520 303	9.981 073	2	207	5 12.5
		25		27			2		6 15.0
794	9.460 795		9.479 724		0.520 276	9.981 071		206	7 17.5
795	9.460 820	25	9.479 752	28	0.520 248	9.981 068	3	205	8 20.0
796	9.460 845	25	9.479 779	27	0.520 221	9.981 066	2	204	9 22.5
		25		28			2		
797	9.460 870		9.479 807		0.520 193	9.981 064		203	
798	9.460 895	25	9.479 834	27	0.520 166	9.981 061	3	202	
799	9.460 921	26	9.479 861	27	0.520 139	9.981 059	2	201	
		25		28			2		
.800	9.460 946		9.479 889		0.520 111	9.981 057		.200	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.250 — 73°.200

16°.800 — 16°.850

16°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.460 946		9.479 889		0.520 111	9.981 057		**.200**	
		25		27			2		
801	9.460 971		9.479 916		0.520 084	9.981 055		199	
		25		28			3		
802	9.460 996		9.479 944		0.520 056	9.981 052		198	
		25		27			2		
803	9.461 021		9.479 971		0.520 029	9.981 050		197	
		25		27			2		
804	9.461 046		9.479 998		0.520 002	9.981 048		196	
		25		28			3		
805	9.461 071		9.480 026		0.519 974	9.981 045		195	
		25		27			2		
806	9.461 096		9.480 053		0.519 947	9.981 043		194	
		25		27			2		
807	9.461 121		9.480 080		0.519 920	9.981 041		193	
		25		28			2		
808	9.461 146		9.480 108		0.519 892	9.981 039		192	
		26		27			3		
809	9.461 172		9.480 135		0.519 865	9.981 036		191	
		25		28			2		
.810	9.461 197		9.480 163		0.519 837	9.981 034		**.190**	
		25		27			2		
811	9.461 222		9.480 190		0.519 810	9.981 032		189	
		25		27			3		
812	9.461 247		9.480 217		0.519 783	9.981 029		188	
		25		28			2		
813	9.461 272		9.480 245		0.519 755	9.981 027		187	
		25		27			2		
814	9.461 297		9.480 272		0.519 728	9.981 025		186	
		25		27			2		
815	9.461 322		9.480 299		0.519 701	9.981 023		185	
		25		28			3		
816	9.461 347		9.480 327		0.519 673	9.981 020		184	
		25		27			2		
817	9.461 372		9.480 354		0.519 646	9.981 018		183	
		25		28			2		
818	9.461 397		9.480 382		0.519 618	9.981 016		182	
		25		27			3		
819	9.461 422		9.480 409		0.519 591	9.981 013		181	
		25		27			2		
.820	9.461 447		9.480 436		0.519 564	9.981 011		**.180**	
		25		28			2		
821	9.461 472		9.480 464		0.519 536	9.981 009		179	
		26		27			2		
822	9.461 498		9.480 491		0.519 509	9.981 007		178	
		25		27			3		
823	9.461 523		9.480 518		0.519 482	9.981 004		177	
		25		28			2		
824	9.461 548		9.480 546		0.519 454	9.981 002		176	
		25		27			2		
825	9.461 573		9.480 573		0.519 427	9.981 000		175	
		25		27			3		
826	9.461 598		9.480 600		0.519 400	9.980 997		174	
		25		28			2		
827	9.461 623		9.480 628		0.519 372	9.980 995		173	
		25		27			2		
828	9.461 648		9.480 655		0.519 345	9.980 993		172	
		25		28			3		
829	9.461 673		9.480 683		0.519 317	9.980 990		171	
		25		27			2		
.830	9.461 698		9.480 710		0.519 290	9.980 988		**.170**	
		25		27			2		
831	9.461 723		9.480 737		0.519 263	9.980 986		169	
		25		28			2		
832	9.461 748		9.480 765		0.519 235	9.980 984		168	
		25		27			3		
833	9.461 773		9.480 792		0.519 208	9.980 981		167	
		25		27			2		
834	9.461 798		9.480 819		0.519 181	9.980 979		166	
		25		28			2		
835	9.461 823		9.480 847		0.519 153	9.980 977		165	
		25		27			3		
836	9.461 848		9.480 874		0.519 126	9.980 974		164	
		25		27			2		
837	9.461 873		9.480 901		0.519 099	9.980 972		163	
		25		28			2		
838	9.461 898		9.480 929		0.519 071	9.980 970		162	
		26		27			2		
839	9.461 924		9.480 956		0.519 044	9.980 968		161	
		25		27			3		
.840	9.461 949		9.480 983		0.519 017	9.980 965		**.160**	
		25		28			2		
841	9.461 974		9.481 011		0.518 989	9.980 963		159	
		25		27			2		
842	9.461 999		9.481 038		0.518 962	9.980 961		158	
		25		27			3		
843	9.462 024		9.481 065		0.518 935	9.980 958		157	
		25		28			2		
844	9.462 049		9.481 093		0.518 907	9.980 956		156	
		25		27			2		
845	9.462 074		9.481 120		0.518 880	9.980 954		155	
		25		27			3		
846	9.462 099		9.481 147		0.518 853	9.980 951		154	
		25		28			2		
847	9.462 124		9.481 175		0.518 825	9.980 949		153	
		25		27			2		
848	9.462 149		9.481 202		0.518 798	9.980 947		152	
		25		27			2		
849	9.462 174		9.481 229		0.518 771	9.980 945		151	
		25		28			3		
.850	9.462 199		9.481 257		0.518 743	9.980 942		**.150**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.200 — 73°.150

16°.850 — 16°.900

16°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.462 199		9.481 257		0.518 743	9.980 942		.150	
		25		27			2		
851	9.462 224		9.481 284		0.518 716	9.980 940		149	
852	9.462 249	25	9.481 311	27	0.518 689	9.980 938	2	148	
853	9.462 274	25	9.481 339	28	0.518 661	9.980 935	3	147	
		25		27			2		28
854	9.462 299		9.481 366		0.518 634	9.980 933		146	1 2.8
855	9.462 324	25	9.481 393	27	0.518 607	9.980 931	2	145	2 5.6
856	9.462 349	25	9.481 421	28	0.518 579	9.980 929	2	144	3 8.4
		25		27			3		4 11.2
857	9.462 374		9.481 448		0.518 552	9.980 926		143	5 14.0
858	9.462 399	25	9.481 475	27	0.518 525	9.980 924	2	142	6 16.8
859	9.462 424	25	9.481 502	27	0.518 498	9.980 922	2	141	7 19.6
		25		28			3		8 22.4
.860	9.462 449		9.481 530		0.518 470	9.980 919		.140	9 25.2
		25		27			2		
861	9.462 474		9.481 557		0.518 443	9.980 917		139	
862	9.462 499	25	9.481 584	27	0.518 416	9.980 915	2	138	
863	9.462 524	25	9.481 612	28	0.518 388	9.980 912	3	137	
		25		27			2		
864	9.462 549		9.481 639		0.518 361	9.980 910		136	
865	9.462 574	25	9.481 666	27	0.518 334	9.980 908	2	135	
866	9.462 599	25	9.481 694	28	0.518 306	9.980 906	2	134	
		25		27			3		27
867	9.462 624		9.481 721		0.518 279	9.980 903		133	1 2.7
868	9.462 649	25	9.481 748	27	0.518 252	9.980 901	2	132	2 5.4
869	9.462 674	25	9.481 776	28	0.518 224	9.980 899	2	131	3 8.1
		25		27			3		4 10.8
.870	9.462 699		9.481 803		0.518 197	9.980 896		.130	5 13.5
		25		27			2		6 16.2
871	9.462 724		9.481 830		0.518 170	9.980 894		129	7 18.9
872	9.462 749	25	9.481 857	27	0.518 143	9.980 892	2	128	8 21.6
873	9.462 774	25	9.481 885	28	0.518 115	9.980 889	3	127	9 24.3
		25		27			2		
874	9.462 799		9.481 912		0.518 088	9.980 887		126	
875	9.462 824	25	9.481 939	27	0.518 061	9.980 885	2	125	
876	9.462 849	25	9.481 967	28	0.518 033	9.980 883	2	124	
		25		27			3		
877	9.462 874		9.481 994		0.518 006	9.980 880		123	25
878	9.462 899	25	9.482 021	27	0.517 979	9.980 878	2	122	
879	9.462 924	25	9.482 048	27	0.517 952	9.980 876	2	121	1 2.5
		25		28			3		2 5.0
.880	9.462 949		9.482 076		0.517 924	9.980 873		.120	3 7.5
		25		27			2		4 10.0
881	9.462 974		9.482 103		0.517 897	9.980 871		119	5 12.5
882	9.462 999	25	9.482 130	27	0.517 870	9.980 869	2	118	6 15.0
883	9.463 024	25	9.482 158	28	0.517 842	9.980 866	3	117	7 17.5
		25		27			2		8 20.0
884	9.463 049		9.482 185		0.517 815	9.980 864		116	9 22.5
885	9.463 074	25	9.482 212	27	0.517 788	9.980 862	2	115	
886	9.463 099	25	9.482 239	27	0.517 761	9.980 860	2	114	
		25		28			3		
887	9.463 124		9.482 267		0.517 733	9.980 857		113	
888	9.463 149	25	9.482 294	27	0.517 706	9.980 855	2	112	
889	9.463 174	25	9.482 321	27	0.517 679	9.980 853	2	111	24
		25		27			3		
.890	9.463 199		9.482 348		0.517 652	9.980 850		.110	1 2.4
		25		28			2		2 4.8
891	9.463 224		9.482 376		0.517 624	9.980 848		109	3 7.2
892	9.463 249	25	9.482 403	27	0.517 597	9.980 846	2	108	4 9.6
893	9.463 274	25	9.482 430	27	0.517 570	9.980 843	3	107	5 12.0
		25		27			2		6 14.4
894	9.463 299		9.482 457		0.517 543	9.980 841		106	7 16.8
895	9.463 324	25	9.482 485	28	0.517 515	9.980 839	2	105	8 19.2
896	9.463 349	25	9.482 512	27	0.517 488	9.980 837	2	104	9 21.6
		24		27			3		
897	9.463 373		9.482 539		0.517 461	9.980 834		103	
898	9.463 398	25	9.482 566	27	0.517 434	9.980 832	2	102	
899	9.463 423	25	9.482 594	28	0.517 406	9.980 830	2	101	
		25		27			3		
.900	9.463 448		9.482 621		0.517 379	9.980 827		.100	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.150 — 73°.100

16°.900 — 16°.950

16°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.463 448		9.482 621		0.517 379	9.980 827		**.100**	
		25		27			2		
901	9.463 473		9.482 648		0.517 352	9.980 825		099	
902	9.463 498	25	9.482 675	27	0.517 325	9.980 823	2	098	
903	9.463 523	25	9.482 703	28	0.517 297	9.980 820	3	097	
		25		27			2		28
904	9.463 548		9.482 730		0.517 270	9.980 818		096	
905	9.463 573	25	9.482 757	27	0.517 243	9.980 816	2	095	1 2.8
906	9.463 598	25	9.482 784	27	0.517 216	9.980 814	2	094	2 5.6
		25		28			3		3 8.4
907	9.463 623		9.482 812		0.517 188	9.980 811		093	4 11.2
908	9.463 648	25	9.482 839	27	0.517 161	9.980 809	2	092	5 14.0
909	9.463 673	25	9.482 866	27	0.517 134	9.980 807	2	091	6 16.8
		25		27			3		7 19.6
.910	9.463 698		9.482 893		0.517 107	9.980 804		**.090**	8 22.4
		25		28			2		9 25.2
911	9.463 723		9.482 921		0.517 079	9.980 802		089	
912	9.463 748	25	9.482 948	27	0.517 052	9.980 800	2	088	
913	9.463 773	25	9.482 975	27	0.517 025	9.980 797	3	087	
		24		27			2		
914	9.463 797		9.483 002		0.516 998	9.980 795		086	
915	9.463 822	25	9.483 030	28	0.516 970	9.980 793	2	085	
916	9.463 847	25	9.483 057	27	0.516 943	9.980 790	3	084	27
		25		27			2		
917	9.463 872		9.483 084		0.516 916	9.980 788		083	1 2.7
918	9.463 897	25	9.483 111	27	0.516 889	9.980 786	2	082	2 5.4
919	9.463 922	25	9.483 138	27	0.516 862	9.980 784	2	081	3 8.1
		25		28			3		4 10.8
.920	9.463 947		9.483 166		0.516 834	9.980 781		**.080**	5 13.5
		25		27			2		6 16.2
921	9.463 972		9.483 193		0.516 807	9.980 779		079	7 18.9
922	9.463 997	25	9.483 220	27	0.516 780	9.980 777	2	078	8 21.6
923	9.464 022	25	9.483 247	27	0.516 753	9.980 774	3	077	9 24.3
		25		28			2		
924	9.464 047		9.483 275		0.516 725	9.980 772		076	
925	9.464 072	25	9.483 302	27	0.516 698	9.980 770	2	075	
926	9.464 096	24	9.483 329	27	0.516 671	9.980 767	3	074	
		25		27			2		
927	9.464 121		9.483 356		0.516 644	9.980 765		073	25
928	9.464 146	25	9.483 383	27	0.516 617	9.980 763	2	072	
929	9.464 171	25	9.483 411	28	0.516 589	9.980 760	3	071	1 2.5
		25		27			2		2 5.0
.930	9.464 196		9.483 438		0.516 562	9.980 758		**.070**	3 7.5
		25		27			2		4 10.0
931	9.464 221		9.483 465		0.516 535	9.980 756		069	5 12.5
932	9.464 246	25	9.483 492	27	0.516 508	9.980 754	2	068	6 15.0
933	9.464 271	25	9.483 519	27	0.516 481	9.980 751	3	067	7 17.5
		25		28			2		8 20.0
934	9.464 296		9.483 547		0.516 453	9.980 749		066	9 22.5
935	9.464 321	25	9.483 574	27	0.516 426	9.980 747	2	065	
936	9.464 345	24	9.483 601	27	0.516 399	9.980 744	3	064	
		25		27			2		
937	9.464 370		9.483 628		0.516 372	9.980 742		063	
938	9.464 395	25	9.483 655	27	0.516 345	9.980 740	2	062	
939	9.464 420	25	9.483 683	28	0.516 317	9.980 737	3	061	24
		25		27			2		
.940	9.464 445		9.483 710		0.516 290	9.980 735		**.060**	1 2.4
		25		27			2		2 4.8
941	9.464 470		9.483 737		0.516 263	9.980 733		059	3 7.2
942	9.464 495	25	9.483 764	27	0.516 236	9.980 730	3	058	4 9.6
943	9.464 520	25	9.483 791	27	0.516 209	9.980 728	2	057	5 12.0
		25		28			2		6 14.4
944	9.464 545		9.483 819		0.516 181	9.980 726		056	7 16.8
945	9.464 569	24	9.483 846	27	0.516 154	9.980 724	2	055	8 19.2
946	9.464 594	25	9.483 873	27	0.516 127	9.980 721	3	054	9 21.6
		25		27			2		
947	9.464 619		9.483 900		0.516 100	9.980 719		053	
948	9.464 644	25	9.483 927	27	0.516 073	9.980 717	2	052	
949	9.464 669	25	9.483 955	28	0.516 045	9.980 714	3	051	
		25		27			2		
.950	9.464 694		9.483 982		0.516 018	9.980 712		**.050**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

73°.100 — 73°.050

16°.950 — 17°.000

16°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.464 694		9.483 982		0.516 018	9.980 712		**.050**	
		25		27			2		
951	9.464 719		9.484 009		0.515 991	9.980 710		049	
		25		27			3		
952	9.464 744		9.484 036		0.515 964	9.980 707		048	
		24		27			2		
953	9.464 768		9.484 063		0.515 937	9.980 705		047	
		25		27			2		
954	9.464 793		9.484 090		0.515 910	9.980 703		046	
		25		28			3		
955	9.464 818		9.484 118		0.515 882	9.980 700		045	
		25		27			2		
956	9.464 843		9.484 145		0.515 855	9.980 698		044	
		25		27			2		
957	9.464 868		9.484 172		0.515 828	9.980 696		043	
		25		27			2		
958	9.464 893		9.484 199		0.515 801	9.980 694		042	
		25		27			3		
959	9.464 918		9.484 226		0.515 774	9.980 691		041	
		24		27			2		
.960	9.464 942		9.484 253		0.515 747	9.980 689		**.040**	
		25		28			2		
961	9.464 967		9.484 281		0.515 719	9.980 687		039	
		25		27			3		
962	9.464 992		9.484 308		0.515 692	9.980 684		038	
		25		27			2		
963	9.465 017		9.484 335		0.515 665	9.980 682		037	
		25		27			2		
964	9.465 042		9.484 362		0.515 638	9.980 680		036	
		25		27			3		
965	9.465 067		9.484 389		0.515 611	9.980 677		035	
		24		27			2		
966	9.465 091		9.484 416		0.515 584	9.980 675		034	
		25		28			2		
967	9.465 116		9.484 444		0.515 556	9.980 673		033	
		25		27			3		
968	9.465 141		9.484 471		0.515 529	9.980 670		032	
		25		27			2		
969	9.465 166		9.484 498		0.515 502	9.980 668		031	
		25		27			2		
.970	9.465 191		9.484 525		0.515 475	9.980 666		**.030**	
		25		27			3		
971	9.465 216		9.484 552		0.515 448	9.980 663		029	
		25		27			2		
972	9.465 241		9.484 579		0.515 421	9.980 661		028	
		24		28			2		
973	9.465 265		9.484 607		0.515 393	9.980 659		027	
		25		27			2		
974	9.465 290		9.484 634		0.515 366	9.980 657		026	
		25		27			3		
975	9.465 315		9.484 661		0.515 339	9.980 654		025	
		25		27			2		
976	9.465 340		9.484 688		0.515 312	9.980 652		024	
		25		27			2		
977	9.465 365		9.484 715		0.515 285	9.980 650		023	
		25		27			3		
978	9.465 390		9.484 742		0.515 258	9.980 647		022	
		24		27			2		
979	9.465 414		9.484 769		0.515 231	9.980 645		021	
		25		28			2		
.980	9.465 439		9.484 797		0.515 203	9.980 643		**.020**	
		25		27			3		
981	9.465 464		9.484 824		0.515 176	9.980 640		019	
		25		27			2		
982	9.465 489		9.484 851		0.515 149	9.980 638		018	
		25		27			2		
983	9.465 514		9.484 878		0.515 122	9.980 636		017	
		24		27			3		
984	9.465 538		9.484 905		0.515 095	9.980 633		016	
		25		27			2		
985	9.465 563		9.484 932		0.515 068	9.980 631		015	
		25		27			2		
986	9.465 588		9.484 959		0.515 041	9.980 629		014	
		25		27			3		
987	9.465 613		9.484 986		0.515 014	9.980 626		013	
		25		28			2		
988	9.465 638		9.485 014		0.514 986	9.980 624		012	
		25		27			2		
989	9.465 663		9.485 041		0.514 959	9.980 622		011	
		24		27			3		
.990	9.465 687		9.485 068		0.514 932	9.980 619		**.010**	
		25		27			2		
991	9.465 712		9.485 095		0.514 905	9.980 617		009	
		25		27			2		
992	9.465 737		9.485 122		0.514 878	9.980 615		008	
		25		27			2		
993	9.465 762		9.485 149		0.514 851	9.980 613		007	
		25		27			3		
994	9.465 787		9.485 176		0.514 824	9.980 610		006	
		24		27			2		
995	9.465 811		9.485 203		0.514 797	9.980 608		005	
		25		28			2		
996	9.465 836		9.485 231		0.514 769	9.980 606		004	
		25		27			3		
997	9.465 861		9.485 258		0.514 742	9.980 603		003	
		25		27			2		
998	9.465 886		9.485 285		0.514 715	9.980 601		002	
		25		27			2		
999	9.465 911		9.485 312		0.514 688	9.980 599		001	
		24		27			3		
***000**	9.465 935		9.485 339		0.514 661	9.980 596		**.000**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

73°.050 — 73°.000

17°.000 — 17°.050

17°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.465 935		9.485 339		0.514 661	9.980 596		*000	
		25		27			2		
001	9.465 960		9.485 366		0.514 634	9.980 594		999	
002	9.465 985	25	9.485 393	27	0.514 607	9.980 592	2	998	
003	9.466 010	25	9.485 420	27	0.514 580	9.980 589	3	997	
		24		27			2		28
004	9.466 034		9.485 447		0.514 553	9.980 587		996	
005	9.466 059	25	9.485 475	28	0.514 525	9.980 585	2	995	1 2.8
006	9.466 084	25	9.485 502	27	0.514 498	9.980 582	3	994	2 5.6
		25		27			2		3 8.4
007	9.466 109		9.485 529		0.514 471	9.980 580		993	4 11.2
008	9.466 134	25	9.485 556	27	0.514 444	9.980 578	2	992	5 14.0
009	9.466 158	24	9.485 583	27	0.514 417	9.980 575	3	991	6 16.8
		25		27			2		7 19.6
.010	9.466 183		9.485 610		0.514 390	9.980 573		.990	8 22.4
		25		27			2		9 25.2
011	9.466 208		9.485 637		0.514 363	9.980 571		989	
012	9.466 233	25	9.485 664	27	0.514 336	9.980 568	3	988	
013	9.466 258	25	9.485 691	27	0.514 309	9.980 566	2	987	
		24		27			2		
014	9.466 282		9.485 718		0.514 282	9.980 564		986	
015	9.466 307	25	9.485 746	28	0.514 254	9.980 562	2	985	27
016	9.466 332	25	9.485 773	27	0.514 227	9.980 559	3	984	
		25		27			2		1 2.7
017	9.466 357		9.485 800		0.514 200	9.980 557		983	2 5.4
018	9.466 381	24	9.485 827	27	0.514 173	9.980 555	2	982	3 8.1
019	9.466 406	25	9.485 854	27	0.514 146	9.980 552	3	981	4 10.8
		25		27			2		5 13.5
.020	9.466 431		9.485 881		0.514 119	9.980 550		.980	6 16.2
		25		27			2		7 18.9
021	9.466 456		9.485 908		0.514 092	9.980 548		979	8 21.6
022	9.466 480	24	9.485 935	27	0.514 065	9.980 545	3	978	9 24.3
023	9.466 505	25	9.485 962	27	0.514 038	9.980 543	2	977	
		25		27			2		
024	9.466 530		9.485 989		0.514 011	9.980 541		976	
025	9.466 555	25	9.486 016	27	0.513 984	9.980 538	3	975	
026	9.466 579	24	9.486 043	27	0.513 957	9.980 536	2	974	
		25		27			2		
027	9.466 604		9.486 070		0.513 930	9.980 534		973	25
028	9.466 629	25	9.486 098	28	0.513 902	9.980 531	3	972	
029	9.466 654	25	9.486 125	27	0.513 875	9.980 529	2	971	1 2.5
		24		27			2		2 5.0
.030	9.466 678		9.486 152		0.513 848	9.980 527		.970	3 7.5
		25		27			3		4 10.0
031	9.466 703		9.486 179		0.513 821	9.980 524		969	5 12.5
032	9.466 728	25	9.486 206	27	0.513 794	9.980 522	2	968	6 15.0
033	9.466 753	25	9.486 233	27	0.513 767	9.980 520	2	967	7 17.5
		24		27			3		8 20.0
034	9.466 777		9.486 260		0.513 740	9.980 517		966	9 22.5
035	9.466 802	25	9.486 287	27	0.513 713	9.980 515	2	965	
036	9.466 827	25	9.486 314	27	0.513 686	9.980 513	2	964	
		25		27			3		
037	9.466 852		9.486 341		0.513 659	9.980 510		963	
038	9.466 876	24	9.486 368	27	0.513 632	9.980 508	2	962	
039	9.466 901	25	9.486 395	27	0.513 605	9.980 506	2	961	24
		25		27			2		
.040	9.466 926		9.486 422		0.513 578	9.980 504		.960	1 2.4
		25		27			3		2 4.8
041	9.466 951		9.486 449		0.513 551	9.980 501		959	3 7.2
042	9.466 975	24	9.486 476	27	0.513 524	9.980 499	2	958	4 9.6
043	9.467 000	25	9.486 503	27	0.513 497	9.980 497	2	957	5 12.0
		25		28			3		6 14.4
044	9.467 025		9.486 531		0.513 469	9.980 494		956	7 16.8
045	9.467 049	24	9.486 558	27	0.513 442	9.980 492	2	955	8 19.2
046	9.467 074	25	9.486 585	27	0.513 415	9.980 490	2	954	9 21.6
		25		27			3		
047	9.467 099		9.486 612		0.513 388	9.980 487		953	
048	9.467 124	25	9.486 639	27	0.513 361	9.980 485	2	952	
049	9.467 148	24	9.486 666	27	0.513 334	9.980 483	2	951	
		25		27			3		
.050	9.467 173		9.486 693		0.513 307	9.980 480		.950	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

73°.000 — 72°.950

17°.050 — 17°.100

17°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.467 173		9.486 693		0.513 307	9.980 480		**.950**	
		25		27			2		
051	9.467 198		9.486 720		0.513 280	9.980 478		949	
052	9.467 222	24	9.486 747	27	0.513 253	9.980 476	2	948	
053	9.467 247	25	9.486 774	27	0.513 226	9.980 473	3	947	
		25		27			2		
054	9.467 272		9.486 801		0.513 199	9.980 471		946	
055	9.467 297	25	9.486 828	27	0.513 172	9.980 469	2	945	
056	9.467 321	24	9.486 855	27	0.513 145	9.980 466	3	944	
		25		27			2		
057	9.467 346		9.486 882		0.513 118	9.980 464		943	
058	9.467 371	25	9.486 909	27	0.513 091	9.980 462	2	942	
059	9.467 395	24	9.486 936	27	0.513 064	9.980 459	3	941	
		25		27			2		
.060	9.467 420		9.486 963		0.513 037	9.980 457		**.940**	
		25		27			2		
061	9.467 445		9.486 990		0.513 010	9.980 455		939	
062	9.467 470	25	9.487 017	27	0.512 983	9.980 452	3	938	
063	9.467 494	24	9.487 044	27	0.512 956	9.980 450	2	937	
		25		27			2		
064	9.467 519		9.487 071		0.512 929	9.980 448		936	
065	9.467 544	25	9.487 098	27	0.512 902	9.980 445	3	935	
066	9.467 568	24	9.487 125	27	0.512 875	9.980 443	2	934	
		25		27			2		
067	9.467 593		9.487 152		0.512 848	9.980 441		933	
068	9.467 618	25	9.487 179	27	0.512 821	9.980 438	3	932	
069	9.467 642	24	9.487 206	27	0.512 794	9.980 436	2	931	
		25		27			2		
.070	9.467 667		9.487 233		0.512 767	9.980 434		**.930**	
		25		27			3		
071	9.467 692		9.487 260		0.512 740	9.980 431		929	
072	9.467 716	24	9.487 287	27	0.512 713	9.980 429	2	928	
073	9.467 741	25	9.487 314	27	0.512 686	9.980 427	2	927	
		25		27			3		
074	9.467 766		9.487 341		0.512 659	9.980 424		926	
075	9.467 790	24	9.487 368	27	0.512 632	9.980 422	2	925	
076	9.467 815	25	9.487 395	27	0.512 605	9.980 420	2	924	
		25		27			3		
077	9.467 840		9.487 422		0.512 578	9.980 417		923	
078	9.467 864	24	9.487 449	27	0.512 551	9.980 415	2	922	
079	9.467 889	25	9.487 476	27	0.512 524	9.980 413	2	921	
		25		27			3		
.080	9.467 914		9.487 503		0.512 497	9.980 410		**.920**	
		24		27			2		
081	9.467 938		9.487 530		0.512 470	9.980 408		919	
082	9.467 963	25	9.487 557	27	0.512 443	9.980 406	2	918	
083	9.467 988	25	9.487 584	27	0.512 416	9.980 403	3	917	
		24		27			2		
084	9.468 012		9.487 611		0.512 389	9.980 401		916	
085	9.468 037	25	9.487 638	27	0.512 362	9.980 399	2	915	
086	9.468 062	25	9.487 665	27	0.512 335	9.980 396	3	914	
		24		27			2		
087	9.468 086		9.487 692		0.512 308	9.980 394		913	
088	9.468 111	25	9.487 719	27	0.512 281	9.980 392	2	912	
089	9.468 136	25	9.487 746	27	0.512 254	9.980 389	3	911	
		24		27			2		
.090	9.468 160		9.487 773		0.512 227	9.980 387		**.910**	
		25		27			2		
091	9.468 185		9.487 800		0.512 200	9.980 385		909	
092	9.468 210	25	9.487 827	27	0.512 173	9.980 383	2	908	
093	9.468 234	24	9.487 854	27	0.512 146	9.980 380	3	907	
		25		27			2		
094	9.468 259		9.487 881		0.512 119	9.980 378		906	
095	9.468 284	25	9.487 908	27	0.512 092	9.980 376	2	905	
096	9.468 308	24	9.487 935	27	0.512 065	9.980 373	3	904	
		25		27			2		
097	9.468 333		9.487 962		0.512 038	9.980 371		903	
098	9.468 358	25	9.487 989	27	0.512 011	9.980 369	2	902	
099	9.468 382	24	9.488 016	27	0.511 984	9.980 366	3	901	
		25		27			2		
.100	9.468 407		9.488 043		0.511 957	9.980 364		**.900**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

72°.950 — 72°.900

17°.100 — 17°.150

17°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.468 407		9.488 043		0.511 957	9.980 364		.900	
		25		27			2		
101	9.468 432		9.488 070		0.511 930	9.980 362		899	
		24		27			3		
102	9.468 456		9.488 097		0.511 903	9.980 359		898	
		25		27			2		
103	9.468 481		9.488 124		0.511 876	9.980 357		897	
		24		27			2		
104	9.468 505		9.488 151		0.511 849	9.980 355		896	
		25		27			3		
105	9.468 530		9.488 178		0.511 822	9.980 352		895	
		25		27			2		
106	9.468 555		9.488 205		0.511 795	9.980 350		894	
		24		27			2		
107	9.468 579		9.488 232		0.511 768	9.980 348		893	
		25		27			3		
108	9.468 604		9.488 259		0.511 741	9.980 345		892	
		25		27			2		
109	9.468 629		9.488 286		0.511 714	9.980 343		891	
		24		27			2		
.110	9.468 653		9.488 313		0.511 687	9.980 341		.890	
		25		27			3		
111	9.468 678		9.488 340		0.511 660	9.980 338		889	
		24		27			2		
112	9.468 702		9.488 367		0.511 633	9.980 336		888	
		25		27			2		
113	9.468 727		9.488 394		0.511 606	9.980 334		887	
		25		26			3		
114	9.468 752		9.488 420		0.511 580	9.980 331		886	
		24		27			2		
115	9.468 776		9.488 447		0.511 553	9.980 329		885	
		25		27			2		
116	9.468 801		9.488 474		0.511 526	9.980 327		884	
		25		27			3		
117	9.468 826		9.488 501		0.511 499	9.980 324		883	
		24		27			2		
118	9.468 850		9.488 528		0.511 472	9.980 322		882	
		25		27			2		
119	9.468 875		9.488 555		0.511 445	9.980 320		881	
		24		27			3		
.120	9.468 899		9.488 582		0.511 418	9.980 317		.880	
		25		27			2		
121	9.468 924		9.488 609		0.511 391	9.980 315		879	
		25		27			2		
122	9.468 949		9.488 636		0.511 364	9.980 313		878	
		24		27			3		
123	9.468 973		9.488 663		0.511 337	9.980 310		877	
		25		27			2		
124	9.468 998		9.488 690		0.511 310	9.980 308		876	
		24		27			2		
125	9.469 022		9.488 717		0.511 283	9.980 306		875	
		25		27			3		
126	9.469 047		9.488 744		0.511 256	9.980 303		874	
		25		27			2		
127	9.469 072		9.488 771		0.511 229	9.980 301		873	
		24		27			2		
128	9.469 096		9.488 798		0.511 202	9.980 299		872	
		25		27			3		
129	9.469 121		9.488 825		0.511 175	9.980 296		871	
		24		27			2		
.130	9.469 145		9.488 852		0.511 148	9.980 294		.870	
		25		26			3		
131	9.469 170		9.488 878		0.511 122	9.980 291		869	
		25		27			2		
132	9.469 195		9.488 905		0.511 095	9.980 289		868	
		24		27			2		
133	9.469 219		9.488 932		0.511 068	9.980 287		867	
		25		27			3		
134	9.469 244		9.488 959		0.511 041	9.980 284		866	
		24		27			2		
135	9.469 268		9.488 986		0.511 014	9.980 282		865	
		25		27			2		
136	9.469 293		9.489 013		0.510 987	9.980 280		864	
		24		27			3		
137	9.469 317		9.489 040		0.510 960	9.980 277		863	
		25		27			2		
138	9.469 342		9.489 067		0.510 933	9.980 275		862	
		25		27			2		
139	9.469 367		9.489 094		0.510 906	9.980 273		861	
		24		27			3		
.140	9.469 391		9.489 121		0.510 879	9.980 270		.860	
		25		27			2		
141	9.469 416		9.489 148		0.510 852	9.980 268		859	
		24		27			2		
142	9.469 440		9.489 175		0.510 825	9.980 266		858	
		25		27			3		
143	9.469 465		9.489 202		0.510 798	9.980 263		857	
		25		26			2		
144	9.469 490		9.489 228		0.510 772	9.980 261		856	
		24		27			2		
145	9.469 514		9.489 255		0.510 745	9.980 259		855	
		25		27			3		
146	9.469 539		9.489 282		0.510 718	9.980 256		854	
		24		27			2		
147	9.469 563		9.489 309		0.510 691	9.980 254		853	
		25		27			2		
148	9.469 588		9.489 336		0.510 664	9.980 252		852	
		24		27			3		
149	9.469 612		9.489 363		0.510 637	9.980 249		851	
		25		27			2		
.150	9.469 637		9.489 390		0.510 610	9.980 247		.850	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

72°.900 — 72°.850

17°.150 — 17°.200

17°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.469 637		9.489 390		0.510 610	9.980 247		**.850**	
		24		27			2		
151	9.469 661		9.489 417		0.510 583	9.980 245		849	
152	9.469 686	25	9.489 444	27	0.510 556	9.980 242	3	848	
153	9.469 711	25	9.489 471	27	0.510 529	9.980 240	2	847	
		24		26			2		27
154	9.469 735		9.489 497		0.510 503	9.980 238		846	1 2.7
155	9.469 760	25	9.489 524	27	0.510 476	9.980 235	3	845	2 5.4
156	9.469 784	24	9.489 551	27	0.510 449	9.980 233	2	844	3 8.1
		25		27			2		4 10.8
157	9.469 809		9.489 578		0.510 422	9.980 231		843	5 13.5
158	9.469 833	24	9.489 605	27	0.510 395	9.980 228	3	842	6 16.2
159	9.469 858	25	9.489 632	27	0.510 368	9.980 226	2	841	7 18.9
		24		27			2		8 21.6
.160	9.469 882		9.489 659		0.510 341	9.980 224		**.840**	9 24.3
		25		27			3		
161	9.469 907		9.489 686		0.510 314	9.980 221		839	
162	9.469 932	25	9.489 713	27	0.510 287	9.980 219	2	838	
163	9.469 956	24	9.489 739	26	0.510 261	9.980 217	2	837	
		25		27			3		
164	9.469 981		9.489 766		0.510 234	9.980 214		836	
165	9.470 005	24	9.489 793	27	0.510 207	9.980 212	2	835	
166	9.470 030	25	9.489 820	27	0.510 180	9.980 210	2	834	26
		24		27			3		
167	9.470 054		9.489 847		0.510 153	9.980 207		833	1 2.6
168	9.470 079	25	9.489 874	27	0.510 126	9.980 205	2	832	2 5.2
169	9.470 103	24	9.489 901	27	0.510 099	9.980 203	2	831	3 7.8
		25		27			3		4 10.4
.170	9.470 128		9.489 928		0.510 072	9.980 200		**.830**	5 13.0
		24		26			2		6 15.6
171	9.470 152		9.489 954		0.510 046	9.980 198		829	7 18.2
172	9.470 177	25	9.489 981	27	0.510 019	9.980 196	2	828	8 20.8
173	9.470 201	24	9.490 008	27	0.509 992	9.980 193	3	827	9 23.4
		25		27			2		
174	9.470 226		9.490 035		0.509 965	9.980 191		826	
175	9.470 251	25	9.490 062	27	0.509 938	9.980 189	2	825	
176	9.470 275	24	9.490 089	27	0.509 911	9.980 186	3	824	
		25		27			2		
177	9.470 300		9.490 116		0.509 884	9.980 184		823	25
178	9.470 324	24	9.490 143	27	0.509 857	9.980 182	2	822	
179	9.470 349	25	9.490 169	26	0.509 831	9.980 179	3	821	1 2.5
		24		27			2		2 5.0
.180	9.470 373		9.490 196		0.509 804	9.980 177		**.820**	3 7.5
		25		27			3		4 10.0
181	9.470 398		9.490 223		0.509 777	9.980 174		819	5 12.5
182	9.470 422	24	9.490 250	27	0.509 750	9.980 172	2	818	6 15.0
183	9.470 447	25	9.490 277	27	0.509 723	9.980 170	2	817	7 17.5
		24		27			3		8 20.0
184	9.470 471		9.490 304		0.509 696	9.980 167		816	9 22.5
185	9.470 496	25	9.490 331	27	0.509 669	9.980 165	2	815	
186	9.470 520	24	9.490 357	26	0.509 643	9.980 163	2	814	
		25		27			3		
187	9.470 545		9.490 384		0.509 616	9.980 160		813	
188	9.470 569	24	9.490 411	27	0.509 589	9.980 158	2	812	
189	9.470 594	25	9.490 438	27	0.509 562	9.980 156	2	811	24
		24		27			3		
.190	9.470 618		9.490 465		0.509 535	9.980 153		**.810**	1 2.4
		25		27			2		2 4.8
191	9.470 643		9.490 492		0.509 508	9.980 151		809	3 7.2
192	9.470 667	24	9.490 518	26	0.509 482	9.980 149	2	808	4 9.6
193	9.470 692	25	9.490 545	27	0.509 455	9.980 146	3	807	5 12.0
		24		27			2		6 14.4
194	9.470 716		9.490 572		0.509 428	9.980 144		806	7 16.8
195	9.470 741	25	9.490 599	27	0.509 401	9.980 142	2	805	8 19.2
196	9.470 765	24	9.490 626	27	0.509 374	9.980 139	3	804	9 21.6
		25		27			2		
197	9.470 790		9.490 653		0.509 347	9.980 137		803	
198	9.470 814	24	9.490 680	27	0.509 320	9.980 135	2	802	
199	9.470 839	25	9.490 706	26	0.509 294	9.980 132	3	801	
		24		27			2		
.200	9.470 863		9.490 733		0.509 267	9.980 130		**.800**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

72°.850 — 72°.800

17°.200 — 17°.250

17°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.470 863		9.490 733		0.509 267	9.980 130		**.800**	
		25		27			2		
201	9.470 888		9.490 760		0.509 240	9.980 128		799	
202	9.470 912	24	9.490 787	27	0.509 213	9.980 125	3	798	
203	9.470 937	25	9.490 814	27	0.509 186	9.980 123	2	797	
		24		27			2		
204	9.470 961		9.490 841		0.509 159	9.980 121		796	
205	9.470 986	25	9.490 867	26	0.509 133	9.980 118	3	795	
206	9.471 010	24	9.490 894	27	0.509 106	9.980 116	2	794	
		25		27			2		
207	9.471 035		9.490 921		0.509 079	9.980 114		793	
208	9.471 059	24	9.490 948	27	0.509 052	9.980 111	3	792	
209	9.471 083	24	9.490 975	27	0.509 025	9.980 109	2	791	
		25		26			3		
.210	9.471 108		9.491 001		0.508 999	9.980 106		**.790**	
		24		27			2		
211	9.471 132		9.491 028		0.508 972	9.980 104		789	
212	9.471 157	25	9.491 055	27	0.508 945	9.980 102	2	788	
213	9.471 181	24	9.491 082	27	0.508 918	9.980 099	3	787	
		25		27			2		
214	9.471 206		9.491 109		0.508 891	9.980 097		786	
215	9.471 230	24	9.491 136	27	0.508 864	9.980 095	2	785	
216	9.471 255	25	9.491 162	26	0.508 838	9.980 092	3	784	
		24		27			2		
217	9.471 279		9.491 189		0.508 811	9.980 090		783	
218	9.471 304	25	9.491 216	27	0.508 784	9.980 088	2	782	
219	9.471 328	24	9.491 243	27	0.508 757	9.980 085	3	781	
		25		27			2		
.220	9.471 353		9.491 270		0.508 730	9.980 083		**.780**	
		24		26			2		
221	9.471 377		9.491 296		0.508 704	9.980 081		779	
222	9.471 401	24	9.491 323	27	0.508 677	9.980 078	3	778	
223	9.471 426	25	9.491 350	27	0.508 650	9.980 076	2	777	
		24		27			2		
224	9.471 450		9.491 377		0.508 623	9.980 074		776	
225	9.471 475	25	9.491 404	27	0.508 596	9.980 071	3	775	
226	9.471 499	24	9.491 430	26	0.508 570	9.980 069	2	774	
		25		27			2		
227	9.471 524		9.491 457		0.508 543	9.980 067		773	
228	9.471 548	24	9.491 484	27	0.508 516	9.980 064	3	772	
229	9.471 573	25	9.491 511	27	0.508 489	9.980 062	2	771	
		24		27			3		
.230	9.471 597		9.491 538		0.508 462	9.980 059		**.770**	
		25		26			2		
231	9.471 622		9.491 564		0.508 436	9.980 057		769	
232	9.471 646	24	9.491 591	27	0.508 409	9.980 055	2	768	
233	9.471 670	24	9.491 618	27	0.508 382	9.980 052	3	767	
		25		27			2		
234	9.471 695		9.491 645		0.508 355	9.980 050		766	
235	9.471 719	24	9.491 672	27	0.508 328	9.980 048	2	765	
236	9.471 744	25	9.491 698	26	0.508 302	9.980 045	3	764	
		24		27			2		
237	9.471 768		9.491 725		0.508 275	9.980 043		763	
238	9.471 793	25	9.491 752	27	0.508 248	9.980 041	2	762	
239	9.471 817	24	9.491 779	27	0.508 221	9.980 038	3	761	
		24		26			2		
.240	9.471 841		9.491 805		0.508 195	9.980 036		**.760**	
		25		27			2		
241	9.471 866		9.491 832		0.508 168	9.980 034		759	
242	9.471 890	24	9.491 859	27	0.508 141	9.980 031	3	758	
243	9.471 915	25	9.491 886	27	0.508 114	9.980 029	2	757	
		24		27			2		
244	9.471 939		9.491 913		0.508 087	9.980 027		756	
245	9.471 964	25	9.491 939	26	0.508 061	9.980 024	3	755	
246	9.471 988	24	9.491 966	27	0.508 034	9.980 022	2	754	
		24		27			2		
247	9.472 012		9.491 993		0.508 007	9.980 020		753	
248	9.472 037	25	9.492 020	27	0.507 980	9.980 017	3	752	
249	9.472 061	24	9.492 046	26	0.507 954	9.980 015	2	751	
		25		27			3		
.250	9.472 086		9.492 073		0.507 927	9.980 012		**.750**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

72°.800 — 72°.750

17°.250 — 17°.300

17°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.472 086		9.492 073		0.507 927	9.980 012		**.750**	
		24		27			2		
251	9.472 110		9.492 100		0.507 900	9.980 010		749	
252	9.472 134	24	9.492 127	27	0.507 873	9.980 008	2	748	
253	9.472 159	25	9.492 153	26	0.507 847	9.980 005	3	747	
		24		27			2		27
254	9.472 183		9.492 180		0.507 820	9.980 003		746	1 2.7
255	9.472 208	25	9.492 207	27	0.507 793	9.980 001	2	745	2 5.4
256	9.472 232	24	9.492 234	27	0.507 766	9.979 998	3	744	3 8.1
		24		26			2		4 10.8
257	9.472 256		9.492 260		0.507 740	9.979 996		743	5 13.5
258	9.472 281	25	9.492 287	27	0.507 713	9.979 994	2	742	6 16.2
259	9.472 305	24	9.492 314	27	0.507 686	9.979 991	3	741	7 18.9
		25		27			2		8 21.6
.260	9.472 330		9.492 341		0.507 659	9.979 989		**.740**	9 24.3
		24		26			2		
261	9.472 354		9.492 367		0.507 633	9.979 987		739	
262	9.472 378	24	9.492 394	27	0.507 606	9.979 984	3	738	
263	9.472 403	25	9.492 421	27	0.507 579	9.979 982	2	737	
		24		27			3		
264	9.472 427		9.492 448		0.507 552	9.979 979		736	
265	9.472 452	25	9.492 474	26	0.507 526	9.979 977	2	735	26
266	9.472 476	24	9.492 501	27	0.507 499	9.979 975	2	734	
		24		27			3		1 2.6
267	9.472 500		9.492 528		0.507 472	9.979 972		733	2 5.2
268	9.472 525	25	9.492 555	27	0.507 445	9.979 970	2	732	3 7.8
269	9.472 549	24	9.492 581	26	0.507 419	9.979 968	2	731	4 10.4
		25		27			3		5 13.0
.270	9.472 574		9.492 608		0.507 392	9.979 965		**.730**	6 15.6
		24		27			2		7 18.2
271	9.472 598		9.492 635		0.507 365	9.979 963		729	8 20.8
272	9.472 622	24	9.492 662	27	0.507 338	9.979 961	2	728	9 23.4
273	9.472 647	25	9.492 688	26	0.507 312	9.979 958	3	727	
		24		27			2		
274	9.472 671		9.492 715		0.507 285	9.979 956		726	
275	9.472 695	24	9.492 742	27	0.507 258	9.979 954	2	725	
276	9.472 720	25	9.492 769	27	0.507 231	9.979 951	3	724	
		24		26			2		
277	9.472 744		9.492 795		0.507 205	9.979 949		723	25
278	9.472 769	25	9.492 822	27	0.507 178	9.979 946	3	722	
279	9.472 793	24	9.492 849	27	0.507 151	9.979 944	2	721	1 2.5
		24		26			2		2 5.0
.280	9.472 817		9.492 875		0.507 125	9.979 942		**.720**	3 7.5
		25		27			3		4 10.0
281	9.472 842		9.492 902		0.507 098	9.979 939		719	5 12.5
282	9.472 866	24	9.492 929	27	0.507 071	9.979 937	2	718	6 15.0
283	9.472 890	24	9.492 956	27	0.507 044	9.979 935	2	717	7 17.5
		25		26			3		8 20.0
284	9.472 915		9.492 982		0.507 018	9.979 932		716	9 22.5
285	9.472 939	24	9.493 009	27	0.506 991	9.979 930	2	715	
286	9.472 963	24	9.493 036	27	0.506 964	9.979 928	2	714	
		25		27			3		
287	9.472 988		9.493 063		0.506 937	9.979 925		713	
288	9.473 012	24	9.493 089	26	0.506 911	9.979 923	2	712	
289	9.473 036	24	9.493 116	27	0.506 884	9.979 921	2	711	24
		25		27			3		
.290	9.473 061		9.493 143		0.506 857	9.979 918		**.710**	1 2.4
		24		26			2		2 4.8
291	9.473 085		9.493 169		0.506 831	9.979 916		709	3 7.2
292	9.473 110	25	9.493 196	27	0.506 804	9.979 913	3	708	4 9.6
293	9.473 134	24	9.493 223	27	0.506 777	9.979 911	2	707	5 12.0
		24		26			2		6 14.4
294	9.473 158		9.493 249		0.506 751	9.979 909		706	7 16.8
295	9.473 183	25	9.493 276	27	0.506 724	9.979 906	3	705	8 19.2
296	9.473 207	24	9.493 303	27	0.506 697	9.979 904	2	704	9 21.6
		24		27			2		
297	9.473 231		9.493 330		0.506 670	9.979 902		703	
298	9.473 256	25	9.493 356	26	0.506 644	9.979 899	3	702	
299	9.473 280	24	9.493 383	27	0.506 617	9.979 897	2	701	
		24		27			2		
.300	9.473 304		9.493 410		0.506 590	9.979 895		**.700**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

72°.750 — 72°.700

17°.300 — 17°.350

17°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9·473 304		9·493 410		0·506 590	9·979 895		.700	
		25		26			3		
301	9·473 329		9·493 436		0·506 564	9·979 892		699	
302	9·473 353	24	9·493 463	27	0·506 537	9·979 890	2	698	
303	9·473 377	24	9·493 490	27	0·506 510	9·979 887	3	697	
		25		26			2		27
304	9·473 402		9·493 516		0·506 484	9·979 885		696	1 2.7
305	9·473 426	24	9·493 543	27	0·506 457	9·979 883	2	695	2 5.4
306	9·473 450	24	9·493 570	27	0·506 430	9·979 880	3	694	3 8.1
		25		27			2		4 10.8
307	9·473 475		9·493 597		0·506 403	9·979 878		693	5 13.5
308	9·473 499	24	9·493 623	26	0·506 377	9·979 876	2	692	6 16.2
309	9·473 523	24	9·493 650	27	0·506 350	9·979 873	3	691	7 18.9
		25		27			2		8 21.6
.310	9·473 548		9·493 677		0·506 323	9·979 871		.690	9 24.3
		24		26			2		
311	9·473 572		9·493 703		0·506 297	9·979 869		689	
312	9·473 596	24	9·493 730	27	0·506 270	9·979 866	3	688	
313	9·473 621	25	9·493 757	27	0·506 243	9·979 864	2	687	
		24		26			2		
314	9·473 645		9·493 783		0·506 217	9·979 862		686	
315	9·473 669	24	9·493 810	27	0·506 190	9·979 859	3	685	26
316	9·473 693	24	9·493 837	27	0·506 163	9·979 857	2	684	
		25		26			3		1 2.6
317	9·473 718		9·493 863		0·506 137	9·979 854		683	2 5.2
318	9·473 742	24	9·493 890	27	0·506 110	9·979 852	2	682	3 7.8
319	9·473 766	24	9·493 917	27	0·506 083	9·979 850	2	681	4 10.4
		25		26			3		5 13.0
.320	9·473 791		9·493 943		0·506 057	9·979 847		.680	6 15.6
		24		27			2		7 18.2
321	9·473 815		9·493 970		0·506 030	9·979 845		679	8 20.8
322	9·473 839	24	9·493 997	27	0·506 003	9·979 843	2	678	9 23.4
323	9·473 864	25	9·494 023	26	0·505 977	9·979 840	3	677	
		24		27			2		
324	9·473 888		9·494 050		0·505 950	9·979 838		676	
325	9·473 912	24	9·494 077	27	0·505 923	9·979 836	2	675	
326	9·473 937	25	9·494 103	26	0·505 897	9·979 833	3	674	
		24		27			2		
327	9·473 961		9·494 130		0·505 870	9·979 831		673	25
328	9·473 985	24	9·494 157	27	0·505 843	9·979 828	3	672	
329	9·474 009	24	9·494 183	26	0·505 817	9·979 826	2	671	1 2.5
		25		27			2		2 5.0
.330	9·474 034		9·494 210		0·505 790	9·979 824		.670	3 7.5
		24		27			3		4 10.0
331	9·474 058		9·494 237		0·505 763	9·979 821		669	5 12.5
332	9·474 082	24	9·494 263	26	0·505 737	9·979 819	2	668	6 15.0
333	9·474 107	25	9·494 290	27	0·505 710	9·979 817	2	667	7 17.5
		24		27			3		8 20.0
334	9·474 131		9·494 317		0·505 683	9·979 814		666	9 22.5
335	9·474 155	24	9·494 343	26	0·505 657	9·979 812	2	665	
336	9·474 179	24	9·494 370	27	0·505 630	9·979 809	3	664	
		25		27			2		
337	9·474 204		9·494 397		0·505 603	9·979 807		663	
338	9·474 228	24	9·494 423	26	0·505 577	9·979 805	2	662	
339	9·474 252	24	9·494 450	27	0·505 550	9·979 802	3	661	24
		25		26			2		
.340	9·474 277		9·494 476		0·505 524	9·979 800		.660	1 2.4
		24		27			2		2 4.8
341	9·474 301		9·494 503		0·505 497	9·979 798		659	3 7.2
342	9·474 325	24	9·494 530	27	0·505 470	9·979 795	3	658	4 9.6
343	9·474 349	24	9·494 556	26	0·505 444	9·979 793	2	657	5 12.0
		25		27			2		6 14.4
344	9·474 374		9·494 583		0·505 417	9·979 791		656	7 16.8
345	9·474 398	24	9·494 610	27	0·505 390	9·979 788	3	655	8 19.2
346	9·474 422	24	9·494 636	26	0·505 364	9·979 786	2	654	9 21.6
		24		27			3		
347	9·474 446		9·494 663		0·505 337	9·979 783		653	
348	9·474 471	25	9·494 690	27	0·505 310	9·979 781	2	652	
349	9·474 495	24	9·494 716	26	0·505 284	9·979 779	2	651	
		24		27			3		
.350	9·474 519		9·494 743		0·505 257	9·979 776		.650	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.700 — 72°.650

17°.350 — 17°.400

17°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9·474 519		9·494 743		0·505 257	9·979 776		.650	
		24		26			2		
351	9·474 543		9·494 769		0·505 231	9·979 774		649	
352	9·474 568	25	9·494 796	27	0·505 204	9·979 772	2	648	
353	9·474 592	24	9·494 823	27	0·505 177	9·979 769	3	647	
		24		26			2		27
354	9·474 616		9·494 849		0·505 151	9·979 767		646	1 2·7
355	9·474 641	25	9·494 876	27	0·505 124	9·979 765	2	645	2 5·4
356	9·474 665	24	9·494 903	27	0·505 097	9·979 762	3	644	3 8·1
		24		26			2		4 10·8
357	9·474 689		9·494 929		0·505 071	9·979 760		643	5 13·5
358	9·474 713	24	9·494 956	27	0·505 044	9·979 757	3	642	6 16·2
359	9·474 738	25	9·494 982	26	0·505 018	9·979 755	2	641	7 18·9
		24		27			2		8 21·6
.360	9·474 762		9·495 009		0·504 991	9·979 753		.640	9 24·3
		24		27			3		
361	9·474 786		9·495 036		0·504 964	9·979 750		639	
362	9·474 810	24	9·495 062	26	0·504 938	9·979 748	2	638	
363	9·474 834	24	9·495 089	27	0·504 911	9·979 746	2	637	
		25		27			3		
364	9·474 859		9·495 116		0·504 884	9·979 743		636	
365	9·474 883	24	9·495 142	26	0·504 858	9·979 741	2	635	
366	9·474 907	24	9·495 169	27	0·504 831	9·979 738	3	634	26
		24		26			2		1 2·6
367	9·474 931		9·495 195		0·504 805	9·979 736		633	2 5·2
368	9·474 956	25	9·495 222	27	0·504 778	9·979 734	2	632	3 7·8
369	9·474 980	24	9·495 249	27	0·504 751	9·979 731	3	631	4 10·4
		24		26			2		5 13·0
.370	9·475 004		9·495 275		0·504 725	9·979 729		.630	6 15·6
		24		27			2		7 18·2
371	9·475 028		9·495 302		0·504 698	9·979 727		629	8 20·8
372	9·475 053	25	9·495 328	26	0·504 672	9·979 724	3	628	9 23·4
373	9·475 077	24	9·495 355	27	0·504 645	9·979 722	2	627	
		24		27			3		
374	9·475 101		9·495 382		0·504 618	9·979 719		626	
375	9·475 125	24	9·495 408	26	0·504 592	9·979 717	2	625	
376	9·475 150	25	9·495 435	27	0·504 565	9·979 715	2	624	
		24		26			3		
377	9·475 174		9·495 461		0·504 539	9·979 712		623	25
378	9·475 198	24	9·495 488	27	0·504 512	9·979 710	2	622	
379	9·475 222	24	9·495 515	27	0·504 485	9·979 708	2	621	1 2·5
		24		26			3		2 5·0
.380	9·475 246		9·495 541		0·504 459	9·979 705		.620	3 7·5
		25		27			2		4 10·0
381	9·475 271		9·495 568		0·504 432	9·979 703		619	5 12·5
382	9·475 295	24	9·495 594	26	0·504 406	9·979 701	2	618	6 15·0
383	9·475 319	24	9·495 621	27	0·504 379	9·979 698	3	617	7 17·5
		24		26			2		8 20·0
384	9·475 343		9·495 647		0·504 353	9·979 696		616	9 22·5
385	9·475 367	24	9·495 674	27	0·504 326	9·979 693	3	615	
386	9·475 392	25	9·495 701	27	0·504 299	9·979 691	2	614	
		24		26			2		
387	9·475 416		9·495 727		0·504 273	9·979 689		613	
388	9·475 440	24	9·495 754	27	0·504 246	9·979 686	3	612	
389	9·475 464	24	9·495 780	26	0·504 220	9·979 684	2	611	24
		24		27			2		
.390	9·475 488		9·495 807		0·504 193	9·979 682		.610	1 2·4
		25		27			3		2 4·8
391	9·475 513		9·495 834		0·504 166	9·979 679		609	3 7·2
392	9·475 537	24	9·495 860	26	0·504 140	9·979 677	2	608	4 9·6
393	9·475 561	24	9·495 887	27	0·504 113	9·979 674	3	607	5 12·0
		24		26			2		6 14·4
394	9·475 585		9·495 913		0·504 087	9·979 672		606	7 16·8
395	9·475 609	24	9·495 940	27	0·504 060	9·979 670	2	605	8 19·2
396	9·475 634	25	9·495 966	26	0·504 034	9·979 667	3	604	9 21·6
		24		27			2		
397	9·475 658		9·495 993		0·504 007	9·979 665		603	
398	9·475 682	24	9·496 020	27	0·503 980	9·979 663	2	602	
399	9·475 706	24	9·496 046	26	0·503 954	9·979 660	3	601	
		24		27			2		
.400	9·475 730		9·496 073		0·503 927	9·979 658		.600	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.650 — 72°.600

17°.400 — 17°.450

17°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.475 730		9.496 073		0.503 927	9.979 658		.600	
		25		26			3		
401	9.475 755		9.496 099		0.503 901	9.979 655		599	
402	9.475 779	24	9.496 126	27	0.503 874	9.979 653	2	598	
403	9.475 803	24	9.496 152	26	0.503 848	9.979 651	2	597	
		24		27			3		
404	9.475 827		9.496 179	26	0.503 821	9.979 648		596	
405	9.475 851	24	9.496 205	27	0.503 795	9.979 646	2	595	
406	9.475 876	25	9.496 232	27	0.503 768	9.979 644	2	594	
		24		27			3		
407	9.475 900		9.496 259	26	0.503 741	9.979 641		593	
408	9.475 924	24	9.496 285	27	0.503 715	9.979 639	2	592	
409	9.475 948	24	9.496 312	26	0.503 688	9.979 636	3	591	
		24		27			2		
.410	9.475 972		9.496 338		0.503 662	9.979 634		.590	
		24		26			2		
411	9.475 996		9.496 365		0.503 635	9.979 632		589	
412	9.476 021	25	9.496 391	27	0.503 609	9.979 629	3	588	
413	9.476 045	24	9.496 418	26	0.503 582	9.979 627	2	587	
		24		27			3		
414	9.476 069		9.496 444	27	0.503 556	9.979 624		586	
415	9.476 093	24	9.496 471	27	0.503 529	9.979 622	2	585	
416	9.476 117	24	9.496 498	26	0.503 502	9.979 620	2	584	
		24		27			3		
417	9.476 141		9.496 524	27	0.503 476	9.979 617		583	
418	9.476 166	25	9.496 551	26	0.503 449	9.979 615	2	582	
419	9.476 190	24	9.496 577	27	0.503 423	9.979 613	2	581	
		24		26			3		
.420	9.476 214		9.496 604		0.503 396	9.979 610		.580	
		24		27			2		
421	9.476 238		9.496 630		0.503 370	9.979 608		579	
422	9.476 262	24	9.496 657	26	0.503 343	9.979 605	3	578	
423	9.476 286	24	9.496 683	27	0.503 317	9.979 603	2	577	
		25		26			2		
424	9.476 311		9.496 710	26	0.503 290	9.979 601		576	
425	9.476 335	24	9.496 736	27	0.503 264	9.979 598	3	575	
426	9.476 359	24	9.496 763	26	0.503 237	9.979 596	2	574	
		24		27			2		
427	9.476 383		9.496 789	26	0.503 211	9.979 594		573	
428	9.476 407	24	9.496 816	27	0.503 184	9.979 591	3	572	
429	9.476 431	24	9.496 842	26	0.503 158	9.979 589	2	571	
		24		27			3		
.430	9.476 455		9.496 869	26	0.503 131	9.979 586		.570	
		25		27			2		
431	9.476 480		9.496 895		0.503 105	9.979 584		569	
432	9.476 504	24	9.496 922	27	0.503 078	9.979 582	2	568	
433	9.476 528	24	9.496 949	27	0.503 051	9.979 579	3	567	
		24		26			2		
434	9.476 552		9.496 975	27	0.503 025	9.979 577		566	
435	9.476 576	24	9.497 002	26	0.502 998	9.979 575	2	565	
436	9.476 600	24	9.497 028	27	0.502 972	9.979 572	3	564	
		24		26			2		
437	9.476 624		9.497 055	27	0.502 945	9.979 570		563	
438	9.476 648	24	9.497 081	26	0.502 919	9.979 567	3	562	
439	9.476 673	25	9.497 108	27	0.502 892	9.979 565	2	561	
		24		26			2		
.440	9.476 697		9.497 134		0.502 866	9.979 563		.560	
		24		27			3		
441	9.476 721		9.497 161		0.502 839	9.979 560		559	
442	9.476 745	24	9.497 187	26	0.502 813	9.979 558	2	558	
443	9.476 769	24	9.497 214	27	0.502 786	9.979 555	3	557	
		24		26			2		
444	9.476 793		9.497 240	27	0.502 760	9.979 553		556	
445	9.476 817	24	9.497 267	26	0.502 733	9.979 551	2	555	
446	9.476 841	24	9.497 293	27	0.502 707	9.979 548	3	554	
		25		26			2		
447	9.476 866		9.497 320	27	0.502 680	9.979 546		553	
448	9.476 890	24	9.497 346	26	0.502 654	9.979 544	2	552	
449	9.476 914	24	9.497 373	27	0.502 627	9.979 541	3	551	
		24		26			2		
.450	9.476 938		9.497 399		0.502 601	9.979 539		.550	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

72°.600 — 72°.550

17°.450 — 17°.500

17°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.476 938		9.497 399		0.502 601	9.979 539		**.550**	
		24		27			3		
451	9.476 962		9.497 426		0.502 574	9.979 536		549	
452	9.476 986	24	9.497 452	26	0.502 548	9.979 534	2	548	
453	9.477 010	24	9.497 479	27	0.502 521	9.979 532	2	547	
		24		26			3		27
454	9.477 034		9.497 505		0.502 495	9.979 529		546	1 2.7
455	9.477 059	25	9.497 532	27	0.502 468	9.979 527	2	545	2 5.4
456	9.477 083	24	9.497 558	26	0.502 442	9.979 525	2	544	3 8.1
		24		27			3		4 10.8
457	9.477 107		9.497 585	26	0.502 415	9.979 522	2	543	5 13.5
458	9.477 131	24	9.497 611	27	0.502 389	9.979 520	3	542	6 16.2
459	9.477 155	24	9.497 638	26	0.502 362	9.979 517	2	541	7 18.9
.460	9.477 179		9.497 664		0.502 336	9.979 515		**.540**	8 21.6
		24		27			2		9 24.3
461	9.477 203		9.497 691	26	0.502 309	9.979 513		539	
462	9.477 227	24	9.497 717	26	0.502 283	9.979 510	3	538	
463	9.477 251	24	9.497 743	27	0.502 257	9.979 508	2	537	
		24		26			3		
464	9.477 275		9.497 770		0.502 230	9.979 505	2	536	
465	9.477 299	24	9.497 796	27	0.502 204	9.979 503	2	535	
466	9.477 324	25	9.497 823	26	0.502 177	9.979 501	3	534	
		24		27			2		26
467	9.477 348		9.497 849		0.502 151	9.979 498	2	533	1 2.6
468	9.477 372	24	9.497 876	26	0.502 124	9.979 496	2	532	2 5.2
469	9.477 396	24	9.497 902	27	0.502 098	9.979 494	3	531	3 7.8
		24		26			2		4 10.4
.470	9.477 420		9.497 929		0.502 071	9.979 491		**.530**	5 13.0
		24		27			3		6 15.6
471	9.477 444		9.497 955		0.502 045	9.979 489		529	7 18.2
472	9.477 468	24	9.497 982	26	0.502 018	9.979 486	2	528	8 20.8
473	9.477 492	24	9.498 008	27	0.501 992	9.979 484	2	527	9 23.4
		24		26			3		
474	9.477 516		9.498 035		0.501 965	9.979 482		526	
475	9.477 540	24	9.498 061	27	0.501 939	9.979 479	2	525	
476	9.477 564	24	9.498 088	26	0.501 912	9.979 477	3	524	
		24		27			2		
477	9.477 588		9.498 114		0.501 886	9.979 474		523	25
478	9.477 613	25	9.498 141	27	0.501 859	9.979 472	2	522	
479	9.477 637	24	9.498 167	26	0.501 833	9.979 470	2	521	1 2.5
		24		26			3		2 5.0
.480	9.477 661		9.498 193		0.501 807	9.979 467		**.520**	3 7.5
		24		27			2		4 10.0
481	9.477 685		9.498 220		0.501 780	9.979 465		519	5 12.5
482	9.477 709	24	9.498 246	26	0.501 754	9.979 462	3	518	6 15.0
483	9.477 733	24	9.498 273	27	0.501 727	9.979 460	2	517	7 17.5
		24		26			2		8 20.0
484	9.477 757		9.498 299		0.501 701	9.979 458		516	9 22.5
485	9.477 781	24	9.498 326	27	0.501 674	9.979 455	3	515	
486	9.477 805	24	9.498 352	26	0.501 648	9.979 453	2	514	
		24		27			2		
487	9.477 829		9.498 379		0.501 621	9.979 451		513	
488	9.477 853	24	9.498 405	26	0.501 595	9.979 448	3	512	
489	9.477 877	24	9.498 431	26	0.501 569	9.979 446	2	511	24
		24		27			3		
.490	9.477 901		9.498 458		0.501 542	9.979 443		**.510**	1 2.4
		24		26			2		2 4.8
491	9.477 925		9.498 484		0.501 516	9.979 441		509	3 7.2
492	9.477 949	24	9.498 511	27	0.501 489	9.979 439	2	508	4 9.6
493	9.477 973	24	9.498 537	26	0.501 463	9.979 436	3	507	5 12.0
		25		27			2		6 14.4
494	9.477 998		9.498 564		0.501 436	9.979 434		506	7 16.8
495	9.478 022	24	9.498 590	26	0.501 410	9.979 431	3	505	8 19.2
496	9.478 046	24	9.498 617	27	0.501 383	9.979 429	2	504	9 21.6
		24		26			2		
497	9.478 070		9.498 643		0.501 357	9.979 427		503	
498	9.478 094	24	9.498 669	26	0.501 331	9.979 424	3	502	
499	9.478 118	24	9.498 696	27	0.501 304	9.979 422	2	501	
		24		26			2		
.500	9.478 142		9.498 722		0.501 278	9.979 420		**.500**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

72°.550 — 72°.500

17°.500 — 17°.550

17°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.478 142	24	9.498 722	27	0.501 278	9.979 420	3	**.500**	
501	9.478 166	24	9.498 749	26	0.501 251	9.979 417	2	499	
502	9.478 190	24	9.498 775	27	0.501 225	9.979 415	3	498	
503	9.478 214	24	9.498 802	26	0.501 198	9.979 412	2	497	
504	9.478 238	24	9.498 828	26	0.501 172	9.979 410	2	496	
505	9.478 262	24	9.498 854	27	0.501 146	9.979 408	3	495	
506	9.478 286	24	9.498 881	26	0.501 119	9.979 405	2	494	
507	9.478 310	24	9.498 907	27	0.501 093	9.979 403	3	493	
508	9.478 334	24	9.498 934	26	0.501 066	9.979 400	2	492	
509	9.478 358	24	9.498 960	27	0.501 040	9.979 398	2	491	
.510	9.478 382	24	9.498 987	26	0.501 013	9.979 396	3	**.490**	
511	9.478 406	24	9.499 013	26	0.500 987	9.979 393	2	489	
512	9.478 430	24	9.499 039	27	0.500 961	9.979 391	3	488	
513	9.478 454	24	9.499 066	26	0.500 934	9.979 388	2	487	
514	9.478 478	24	9.499 092	27	0.500 908	9.979 386	2	486	
515	9.478 502	24	9.499 119	26	0.500 881	9.979 384	3	485	
516	9.478 526	24	9.499 145	26	0.500 855	9.979 381	2	484	
517	9.478 550	24	9.499 171	27	0.500 829	9.979 379	3	483	
518	9.478 574	24	9.499 198	26	0.500 802	9.979 376	2	482	
519	9.478 598	24	9.499 224	27	0.500 776	9.979 374	2	481	
.520	9.478 622	24	9.499 251	26	0.500 749	9.979 372	3	**.480**	
521	9.478 646	24	9.499 277	26	0.500 723	9.979 369	2	479	
522	9.478 670	24	9.499 303	27	0.500 697	9.979 367	3	478	
523	9.478 694	24	9.499 330	26	0.500 670	9.979 364	2	477	
524	9.478 718	24	9.499 356	27	0.500 644	9.979 362	2	476	
525	9.478 742	24	9.499 383	26	0.500 617	9.979 360	3	475	
526	9.478 766	24	9.499 409	26	0.500 591	9.979 357	2	474	
527	9.478 790	24	9.499 435	27	0.500 565	9.979 355	2	473	
528	9.478 814	24	9.499 462	26	0.500 538	9.979 353	3	472	
529	9.478 838	24	9.499 488	27	0.500 512	9.979 350	2	471	
.530	9.478 862	24	9.499 515	26	0.500 485	9.979 348	3	**.470**	
531	9.478 886	24	9.499 541	26	0.500 459	9.979 345	2	469	
532	9.478 910	24	9.499 567	27	0.500 433	9.979 343	2	468	
533	9.478 934	24	9.499 594	26	0.500 406	9.979 341	3	467	
534	9.478 958	24	9.499 620	27	0.500 380	9.979 338	2	466	
535	9.478 982	24	9.499 647	26	0.500 353	9.979 336	3	465	
536	9.479 006	24	9.499 673	26	0.500 327	9.979 333	2	464	
537	9.479 030	24	9.499 699	27	0.500 301	9.979 331	2	463	
538	9.479 054	24	9.499 726	26	0.500 274	9.979 329	3	462	
539	9.479 078	24	9.499 752	26	0.500 248	9.979 326	2	461	
.540	9.479 102	24	9.499 778	27	0.500 222	9.979 324	3	**.460**	
541	9.479 126	24	9.499 805	26	0.500 195	9.979 321	2	459	
542	9.479 150	24	9.499 831	27	0.500 169	9.979 319	2	458	
543	9.479 174	24	9.499 858	26	0.500 142	9.979 317	3	457	
544	9.479 198	24	9.499 884	26	0.500 116	9.979 314	2	456	
545	9.479 222	24	9.499 910	27	0.500 090	9.979 312	3	455	
546	9.479 246	24	9.499 937	26	0.500 063	9.979 309	2	454	
547	9.479 270	24	9.499 963	26	0.500 037	9.979 307	2	453	
548	9.479 294	24	9.499 989	27	0.500 011	9.979 305	3	452	
549	9.479 318	24	9.500 016	26	0.499 984	9.979 302	2	451	
.550	9.479 342		9.500 042		0.499 958	9.979 300		**.450**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

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1	2.7
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3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

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1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

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1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

72°.500 — 72°.450

17°.550 — 17°.600

17°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.479 342	24	9.500 042	27	0.499 958	9.979 300	3	**.450**	
551	9.479 366	24	9.500 069	26	0.499 931	9.979 297	2	449	
552	9.479 390	24	9.500 095	26	0.499 905	9.979 295	2	448	
553	9.479 414	24	9.500 121	27	0.499 879	9.979 293	3	447	
554	9.479 438	24	9.500 148	26	0.499 852	9.979 290	2	446	
555	9.479 462	24	9.500 174	26	0.499 826	9.979 288	3	445	
556	9.479 486	24	9.500 200	27	0.499 800	9.979 285	2	444	
557	9.479 510	24	9.500 227	26	0.499 773	9.979 283	2	443	
558	9.479 534	24	9.500 253	26	0.499 747	9.979 281	3	442	
559	9.479 558	24	9.500 279	27	0.499 721	9.979 278	2	441	
.560	9.479 582	24	9.500 306	26	0.499 694	9.979 276	3	**.440**	
561	9.479 606	23	9.500 332	26	0.499 668	9.979 273	2	439	
562	9.479 629	24	9.500 358	27	0.499 642	9.979 271	2	438	
563	9.479 653	24	9.500 385	26	0.499 615	9.979 269	3	437	
564	9.479 677	24	9.500 411	26	0.499 589	9.979 266	2	436	
565	9.479 701	24	9.500 437	27	0.499 563	9.979 264	3	435	
566	9.479 725	24	9.500 464	26	0.499 536	9.979 261	2	434	
567	9.479 749	24	9.500 490	27	0.499 510	9.979 259	2	433	
568	9.479 773	24	9.500 517	26	0.499 483	9.979 257	3	432	
569	9.479 797	24	9.500 543	26	0.499 457	9.979 254	2	431	
.570	9.479 821	24	9.500 569	27	0.499 431	9.979 252	3	**.430**	
571	9.479 845	24	9.500 596	26	0.499 404	9.979 249	2	429	
572	9.479 869	24	9.500 622	26	0.499 378	9.979 247	2	428	
573	9.479 893	24	9.500 648	27	0.499 352	9.979 245	3	427	
574	9.479 917	24	9.500 675	26	0.499 325	9.979 242	2	426	
575	9.479 941	24	9.500 701	26	0.499 299	9.979 240	3	425	
576	9.479 965	24	9.500 727	27	0.499 273	9.979 237	2	424	
577	9.479 989	24	9.500 754	26	0.499 246	9.979 235	2	423	
578	9.480 013	24	9.500 780	26	0.499 220	9.979 233	3	422	
579	9.480 036	23	9.500 806	27	0.499 194	9.979 230	2	421	
.580	9.480 060	24	9.500 833	26	0.499 167	9.979 228	3	**.420**	
581	9.480 084	24	9.500 859	26	0.499 141	9.979 225	2	419	
582	9.480 108	24	9.500 885	26	0.499 115	9.979 223	2	418	
583	9.480 132	24	9.500 911	27	0.499 089	9.979 221	3	417	
584	9.480 156	24	9.500 938	26	0.499 062	9.979 218	2	416	
585	9.480 180	24	9.500 964	26	0.499 036	9.979 216	3	415	
586	9.480 204	24	9.500 990	27	0.499 010	9.979 213	2	414	
587	9.480 228	24	9.501 017	26	0.498 983	9.979 211	2	413	
588	9.480 252	24	9.501 043	26	0.498 957	9.979 209	3	412	
589	9.480 276	24	9.501 069	27	0.498 931	9.979 206	2	411	
.590	9.480 300	23	9.501 096	26	0.498 904	9.979 204	3	**.410**	
591	9.480 323	24	9.501 122	26	0.498 878	9.979 201	2	409	
592	9.480 347	24	9.501 148	27	0.498 852	9.979 199	2	408	
593	9.480 371	24	9.501 175	26	0.498 825	9.979 197	3	407	
594	9.480 395	24	9.501 201	26	0.498 799	9.979 194	2	406	
595	9.480 419	24	9.501 227	27	0.498 773	9.979 192	3	405	
596	9.480 443	24	9.501 254	26	0.498 746	9.979 189	2	404	
597	9.480 467	24	9.501 280	26	0.498 720	9.979 187	2	403	
598	9.480 491	24	9.501 306	26	0.498 694	9.979 185	3	402	
599	9.480 515	24	9.501 332	27	0.498 668	9.979 182	2	401	
.600	9.480 539		9.501 359		0.498 641	9.979 180		**.400**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

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5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

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2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

72°.450 — 72°.400

17°.600 — 17°.650

17°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.480 539		9.501 359		0.498 641	9.979 180		**.400**	
		23		26			3		
601	9.480 562		9.501 385		0.498 615	9.979 177		399	
602	9.480 586	24	9.501 411	26	0.498 589	9.979 175	2	398	
603	9.480 610	24	9.501 438	27	0.498 562	9.979 173	2	397	
		24		26			3		
604	9.480 634		9.501 464		0.498 536	9.979 170		396	
605	9.480 658	24	9.501 490	26	0.498 510	9.979 168	2	395	
606	9.480 682	24	9.501 517	27	0.498 483	9.979 165	3	394	
		24		26			2		
607	9.480 706		9.501 543		0.498 457	9.979 163		393	
608	9.480 730	24	9.501 569	26	0.498 431	9.979 161	2	392	
609	9.480 754	24	9.501 595	26	0.498 405	9.979 158	3	391	
		23		27			2		
.610	9.480 777		9.501 622		0.498 378	9.979 156		**.390**	
		24		26			3		
611	9.480 801		9.501 648		0.498 352	9.979 153		389	
612	9.480 825	24	9.501 674	26	0.498 326	9.979 151	2	388	
613	9.480 849	24	9.501 701	27	0.498 299	9.979 149	2	387	
		24		26			3		
614	9.480 873		9.501 727		0.498 273	9.979 146		386	
615	9.480 897	24	9.501 753	26	0.498 247	9.979 144	2	385	
616	9.480 921	24	9.501 779	26	0.498 221	9.979 141	3	384	
		24		27			2		
617	9.480 945		9.501 806		0.498 194	9.979 139		383	
618	9.480 968	23	9.501 832	26	0.498 168	9.979 136	3	382	
619	9.480 992	24	9.501 858	26	0.498 142	9.979 134	2	381	
		24		26			2		
.620	9.481 016		9.501 884		0.498 116	9.979 132		**.380**	
		24		27			3		
621	9.481 040		9.501 911		0.498 089	9.979 129		379	
622	9.481 064	24	9.501 937	26	0.498 063	9.979 127	2	378	
623	9.481 088	24	9.501 963	26	0.498 037	9.979 124	3	377	
		24		27			2		
624	9.481 112		9.501 990		0.498 010	9.979 122		376	
625	9.481 135	23	9.502 016	26	0.497 984	9.979 120	2	375	
626	9.481 159	24	9.502 042	26	0.497 958	9.979 117	3	374	
		24		26			2		
627	9.481 183		9.502 068		0.497 932	9.979 115		373	
628	9.481 207	24	9.502 095	27	0.497 905	9.979 112	3	372	
629	9.481 231	24	9.502 121	26	0.497 879	9.979 110	2	371	
		24		26			2		
.630	9.481 255		9.502 147		0.497 853	9.979 108		**.370**	
		24		26			3		
631	9.481 279		9.502 173		0.497 827	9.979 105		369	
632	9.481 302	23	9.502 200	27	0.497 800	9.979 103	2	368	
633	9.481 326	24	9.502 226	26	0.497 774	9.979 100	3	367	
		24		26			2		
634	9.481 350		9.502 252		0.497 748	9.979 098		366	
635	9.481 374	24	9.502 278	26	0.497 722	9.979 096	2	365	
636	9.481 398	24	9.502 305	27	0.497 695	9.979 093	3	364	
		24		26			2		
637	9.481 422		9.502 331		0.497 669	9.979 091		363	
638	9.481 446	24	9.502 357	26	0.497 643	9.979 088	3	362	
639	9.481 469	23	9.502 383	26	0.497 617	9.979 086	2	361	
		24		27			3		
.640	9.481 493		9.502 410		0.497 590	9.979 083		**.360**	
		24		26			2		
641	9.481 517		9.502 436		0.497 564	9.979 081		359	
642	9.481 541	24	9.502 462	26	0.497 538	9.979 079	2	358	
643	9.481 565	24	9.502 488	26	0.497 512	9.979 076	3	357	
		24		27			2		
644	9.481 589		9.502 515		0.497 485	9.979 074		356	
645	9.481 612	23	9.502 541	26	0.497 459	9.979 071	3	355	
646	9.481 636	24	9.502 567	26	0.497 433	9.979 069	2	354	
		24		26			2		
647	9.481 660		9.502 593		0.497 407	9.979 067		353	
648	9.481 684	24	9.502 620	27	0.497 380	9.979 064	3	352	
649	9.481 708	24	9.502 646	26	0.497 354	9.979 062	2	351	
		23		26			3		
.650	9.481 731		9.502 672		0.497 328	9.979 059		**.350**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

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8	21.6
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1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

72°.400 — 72°.350

17°.650 — 17°.700

17°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.481 731		9.502 672		0.497 328	9.979 059		**.350**	
		24		26			2		
651	9.481 755		9.502 698		0.497 302	9.979 057		349	
652	9.481 779	24	9.502 725	27	0.497 275	9.979 055	2	348	
653	9.481 803	24	9.502 751	26	0.497 249	9.979 052	3	347	
		24		26			2		27
654	9.481 827		9.502 777		0.497 223	9.979 050		346	1 2.7
655	9.481 851	24	9.502 803	26	0.497 197	9.979 047	3	345	2 5.4
656	9.481 874	23	9.502 829	26	0.497 171	9.979 045	2	344	3 8.1
		24		27			3		4 10.8
657	9.481 898		9.502 856	26	0.497 144	9.979 042		343	5 13.5
658	9.481 922	24	9.502 882	26	0.497 118	9.979 040	2	342	6 16.2
659	9.481 946	24	9.502 908	26	0.497 092	9.979 038	2	341	7 18.9
		24		26			3		8 21.6
.660	9.481 970		9.502 934		0.497 066	9.979 035		**.340**	9 24.3
		23		27			2		
661	9.481 993		9.502 961		0.497 039	9.979 033		339	
662	9.482 017	24	9.502 987	26	0.497 013	9.979 030	3	338	
663	9.482 041	24	9.503 013	26	0.496 987	9.979 028	2	337	
		24		26			2		
664	9.482 065		9.503 039		0.496 961	9.979 026		336	
665	9.482 089	24	9.503 065	26	0.496 935	9.979 023	3	335	26
666	9.482 112	23	9.503 092	27	0.496 908	9.979 021	2	334	
		24		26			3		1 2.6
667	9.482 136		9.503 118		0.496 882	9.979 018		333	2 5.2
668	9.482 160	24	9.503 144	26	0.496 856	9.979 016	2	332	3 7.8
669	9.482 184	24	9.503 170	26	0.496 830	9.979 014	2	331	4 10.4
		24		27			3		5 13.0
.670	9.482 208		9.503 197		0.496 803	9.979 011		**.330**	6 15.6
		23		26			2		7 18.2
671	9.482 231		9.503 223		0.496 777	9.979 009		329	8 20.8
672	9.482 255	24	9.503 249	26	0.496 751	9.979 006	3	328	9 23.4
673	9.482 279	24	9.503 275	26	0.496 725	9.979 004	2	327	
		24		26			3		
674	9.482 303		9.503 301		0.496 699	9.979 001		326	
675	9.482 327	24	9.503 328	27	0.496 672	9.978 999	2	325	
676	9.482 350	23	9.503 354	26	0.496 646	9.978 997	2	324	
		24		26			3		24
677	9.482 374		9.503 380		0.496 620	9.978 994		323	
678	9.482 398	24	9.503 406	26	0.496 594	9.978 992	2	322	1 2.4
679	9.482 422	24	9.503 432	26	0.496 568	9.978 989	3	321	2 4.8
		24		27			2		3 7.2
.680	9.482 446		9.503 459		0.496 541	9.978 987		**.320**	4 9.6
		23		26			2		5 12.0
681	9.482 469		9.503 485		0.496 515	9.978 985		319	6 14.4
682	9.482 493	24	9.503 511	26	0.496 489	9.978 982	3	318	7 16.8
683	9.482 517	24	9.503 537	26	0.496 463	9.978 980	2	317	8 19.2
		24		26			3		9 21.6
684	9.482 541		9.503 563		0.496 437	9.978 977		316	
685	9.482 564	23	9.503 590	27	0.496 410	9.978 975	2	315	
686	9.482 588	24	9.503 616	26	0.496 384	9.978 972	3	314	
		24		26			2		
687	9.482 612		9.503 642		0.496 358	9.978 970		313	
688	9.482 636	24	9.503 668	26	0.496 332	9.978 968	2	312	
689	9.482 659	23	9.503 694	26	0.496 306	9.978 965	3	311	23
		24		26			2		
.690	9.482 683		9.503 720		0.496 280	9.978 963		**.310**	1 2.3
		24		27			3		2 4.6
691	9.482 707		9.503 747		0.496 253	9.978 960		309	3 6.9
692	9.482 731	24	9.503 773	26	0.496 227	9.978 958	2	308	4 9.2
693	9.482 755	24	9.503 799	26	0.496 201	9.978 956	2	307	5 11.5
		23		26			3		6 13.8
694	9.482 778		9.503 825		0.496 175	9.978 953		306	7 16.1
695	9.482 802	24	9.503 851	26	0.496 149	9.978 951	2	305	8 18.4
696	9.482 826	24	9.503 878	27	0.496 122	9.978 948	3	304	9 20.7
		24		26			2		
697	9.482 850		9.503 904		0.496 096	9.978 946		303	
698	9.482 873	23	9.503 930	26	0.496 070	9.978 943	3	302	
699	9.482 897	24	9.503 956	26	0.496 044	9.978 941	2	301	
		24		26			2		
.700	9.482 921		9.503 982		0.496 018	9.978 939		**.300**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

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17°.700 — 17°.750

17°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.482 921		9.503 982		0.496 018	9.978 939		**.300**	
		24		26			3		
701	9.482 945		9.504 008		0.495 992	9.978 936		299	
702	9.482 968	23	9.504 035	27	0.495 965	9.978 934	2	298	
703	9.482 992	24	9.504 061	26	0.495 939	9.978 931	3	297	
		24		26			2		27
704	9.483 016		9.504 087		0.495 913	9.978 929		296	1 2.7
705	9.483 040	24	9.504 113	26	0.495 887	9.978 927	2	295	2 5.4
706	9.483 063	23	9.504 139	26	0.495 861	9.978 924	3	294	3 8.1
		24		26			2		4 10.8
707	9.483 087		9.504 165		0.495 835	9.978 922		293	5 13.5
708	9.483 111	24	9.504 192	27	0.495 808	9.978 919	3	292	6 16.2
709	9.483 135	24	9.504 218	26	0.495 782	9.978 917	2	291	7 18.9
		23		26			3		8 21.6
.710	9.483 158		9.504 244		0.495 756	9.978 914		**.290**	9 24.3
		24		26			2		
711	9.483 182		9.504 270		0.495 730	9.978 912		289	
712	9.483 206	24	9.504 296	26	0.495 704	9.978 910	2	288	
713	9.483 229	23	9.504 322	26	0.495 678	9.978 907	3	287	
		24		26			2		
714	9.483 253		9.504 348		0.495 652	9.978 905		286	
715	9.483 277	24	9.504 375	27	0.495 625	9.978 902	3	285	26
716	9.483 301	24	9.504 401	26	0.495 599	9.978 900	2	284	
		23		26			3		1 2.6
717	9.483 324		9.504 427		0.495 573	9.978 897		283	2 5.2
718	9.483 348	24	9.504 453	26	0.495 547	9.978 895	2	282	3 7.8
719	9.483 372	24	9.504 479	26	0.495 521	9.978 893	2	281	4 10.4
		24		26			3		5 13.0
.720	9.483 396		9.504 505		0.495 495	9.978 890		**.280**	6 15.6
		23		26			2		7 18.2
721	9.483 419		9.504 531		0.495 469	9.978 888		279	8 20.8
722	9.483 443	24	9.504 558	27	0.495 442	9.978 885	3	278	9 23.4
723	9.483 467	24	9.504 584	26	0.495 416	9.978 883	2	277	
		23		26			2		
724	9.483 490		9.504 610		0.495 390	9.978 881		276	
725	9.483 514	24	9.504 636	26	0.495 364	9.978 878	3	275	
726	9.483 538	24	9.504 662	26	0.495 338	9.978 876	2	274	
		24		26			3		
727	9.483 562		9.504 688		0.495 312	9.978 873		273	24
728	9.483 585	23	9.504 714	26	0.495 286	9.978 871	2	272	
729	9.483 609	24	9.504 741	27	0.495 259	9.978 868	3	271	1 2.4
		24		26			2		2 4.8
.730	9.483 633		9.504 767		0.495 233	9.978 866		**.270**	3 7.2
		23		26			2		4 9.6
731	9.483 656		9.504 793		0.495 207	9.978 864		269	5 12.0
732	9.483 680	24	9.504 819	26	0.495 181	9.978 861	3	268	6 14.4
733	9.483 704	24	9.504 845	26	0.495 155	9.978 859	2	267	7 16.8
		24		26			3		8 19.2
734	9.483 728		9.504 871		0.495 129	9.978 856		266	9 21.6
735	9.483 751	23	9.504 897	26	0.495 103	9.978 854	2	265	
736	9.483 775	24	9.504 923	26	0.495 077	9.978 851	3	264	
		24		27			2		
737	9.483 799		9.504 950		0.495 050	9.978 849		263	
738	9.483 822	23	9.504 976	26	0.495 024	9.978 847	2	262	
739	9.483 846	24	9.505 002	26	0.494 998	9.978 844	3	261	23
		24		26			2		
.740	9.483 870		9.505 028		0.494 972	9.978 842		**.260**	1 2.3
		23		26			3		2 4.6
741	9.483 893		9.505 054		0.494 946	9.978 839		259	3 6.9
742	9.483 917	24	9.505 080	26	0.494 920	9.978 837	2	258	4 9.2
743	9.483 941	24	9.505 106	26	0.494 894	9.978 834	3	257	5 11.5
		23		26			2		6 13.8
744	9.483 964		9.505 132		0.494 868	9.978 832		256	7 16.1
745	9.483 988	24	9.505 159	27	0.494 841	9.978 830	2	255	8 18.4
746	9.484 012	24	9.505 185	26	0.494 815	9.978 827	3	254	9 20.7
		24		26			2		
747	9.484 036		9.505 211		0.494 789	9.978 825		253	
748	9.484 059	23	9.505 237	26	0.494 763	9.978 822	3	252	
749	9.484 083	24	9.505 263	26	0.494 737	9.978 820	2	251	
		24		26			3		
.750	9.484 107		9.505 289		0.494 711	9.978 817		**.250**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

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17°.750 — 17°.800

17°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.484 107		9.505 289		0.494 711	9.978 817		**.250**	
		23		26			2		
751	9.484 130		9.505 315		0.494 685	9.978 815		249	
		24		26			2		
752	9.484 154		9.505 341		0.494 659	9.978 813		248	
		24		26			3		
753	9.484 178		9.505 367		0.494 633	9.978 810		247	
		23		27			2		
754	9.484 201		9.505 394		0.494 606	9.978 808		246	
		24		26			3		
755	9.484 225		9.505 420		0.494 580	9.978 805		245	
		24		26			2		
756	9.484 249		9.505 446		0.494 554	9.978 803		244	
		23		26			3		
757	9.484 272		9.505 472		0.494 528	9.978 800		243	
		24		26			2		
758	9.484 296		9.505 498		0.494 502	9.978 798		242	
		24		26			2		
759	9.484 320		9.505 524		0.494 476	9.978 796		241	
		23		26			3		
.760	9.484 343		9.505 550		0.494 450	9.978 793		**.240**	
		24		26			2		
761	9.484 367		9.505 576		0.494 424	9.978 791		239	
		24		26			3		
762	9.484 391		9.505 602		0.494 398	9.978 788		238	
		23		26			2		
763	9.484 414		9.505 628		0.494 372	9.978 786		237	
		24		26			3		
764	9.484 438		9.505 654		0.494 346	9.978 783		236	
		24		27			2		
765	9.484 462		9.505 681		0.494 319	9.978 781		235	
		23		26			2		
766	9.484 485		9.505 707		0.494 293	9.978 779		234	
		24		26			3		
767	9.484 509		9.505 733		0.494 267	9.978 776		233	
		24		26			2		
768	9.484 533		9.505 759		0.494 241	9.978 774		232	
		23		26			3		
769	9.484 556		9.505 785		0.494 215	9.978 771		231	
		24		26			2		
.770	9.484 580		9.505 811		0.494 189	9.978 769		**.230**	
		24		26			3		
771	9.484 604		9.505 837		0.494 163	9.978 766		229	
		23		26			2		
772	9.484 627		9.505 863		0.494 137	9.978 764		228	
		24		26			2		
773	9.484 651		9.505 889		0.494 111	9.978 762		227	
		23		26			3		
774	9.484 674		9.505 915		0.494 085	9.978 759		226	
		24		26			2		
775	9.484 698		9.505 941		0.494 059	9.978 757		225	
		24		26			3		
776	9.484 722		9.505 967		0.494 033	9.978 754		224	
		23		26			2		
777	9.484 745		9.505 993		0.494 007	9.978 752		223	
		24		27			3		
778	9.484 769		9.506 020		0.493 980	9.978 749		222	
		24		26			2		
779	9.484 793		9.506 046		0.493 954	9.978 747		221	
		23		26			2		
.780	9.484 816		9.506 072		0.493 928	9.978 745		**.220**	
		24		26			3		
781	9.484 840		9.506 098		0.493 902	9.978 742		219	
		24		26			2		
782	9.484 864		9.506 124		0.493 876	9.978 740		218	
		23		26			3		
783	9.484 887		9.506 150		0.493 850	9.978 737		217	
		24		26			2		
784	9.484 911		9.506 176		0.493 824	9.978 735		216	
		23		26			3		
785	9.484 934		9.506 202		0.493 798	9.978 732		215	
		24		26			2		
786	9.484 958		9.506 228		0.493 772	9.978 730		214	
		24		26			2		
787	9.484 982		9.506 254		0.493 746	9.978 728		213	
		23		26			3		
788	9.485 005		9.506 280		0.493 720	9.978 725		212	
		24		26			2		
789	9.485 029		9.506 306		0.493 694	9.978 723		211	
		24		26			3		
.790	9.485 053		9.506 332		0.493 668	9.978 720		**.210**	
		23		26			2		
791	9.485 076		9.506 358		0.493 642	9.978 718		209	
		24		26			3		
792	9.485 100		9.506 384		0.493 616	9.978 715		208	
		23		26			2		
793	9.485 123		9.506 410		0.493 590	9.978 713		207	
		24		27			2		
794	9.485 147		9.506 437		0.493 563	9.978 711		206	
		24		26			3		
795	9.485 171		9.506 463		0.493 537	9.978 708		205	
		23		26			2		
796	9.485 194		9.506 489		0.493 511	9.978 706		204	
		24		26			3		
797	9.485 218		9.506 515		0.493 485	9.978 703		203	
		24		26			2		
798	9.485 242		9.506 541		0.493 459	9.978 701		202	
		23		26			3		
799	9.485 265		9.506 567		0.493 433	9.978 698		201	
		24		26			2		
.800	9.485 289		9.506 593		0.493 407	9.978 696		**.200**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

72°.250 — 72°.200

17°.800 — 17°.850

17°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.485 289		9.506 593		0.493 407	9.978 696		**.200**	
		23		26			2		
801	9.485 312		9.506 619		0.493 381	9.978 694		199	
		24		26			3		
802	9.485 336		9.506 645		0.493 355	9.978 691		198	
		24		26			2		
803	9.485 360		9.506 671		0.493 329	9.978 689		197	
		23		26			3		
804	9.485 383		9.506 697		0.493 303	9.978 686		196	
		24		26			2		
805	9.485 407		9.506 723		0.493 277	9.978 684		195	
		23		26			3		
806	9.485 430		9.506 749		0.493 251	9.978 681		194	
		24		26			2		
807	9.485 454		9.506 775		0.493 225	9.978 679		193	
		24		26			3		
808	9.485 478		9.506 801		0.493 199	9.978 676		192	
		23		26			2		
809	9.485 501		9.506 827		0.493 173	9.978 674		191	
		24		26			2		
.810	9.485 525		9.506 853		0.493 147	9.978 672		**.190**	
		23		26			3		
811	9.485 548		9.506 879		0.493 121	9.978 669		189	
		24		26			2		
812	9.485 572		9.506 905		0.493 095	9.978 667		188	
		24		26			3		
813	9.485 596		9.506 931		0.493 069	9.978 664		187	
		23		26			2		
814	9.485 619		9.506 957		0.493 043	9.978 662		186	
		24		26			3		
815	9.485 643		9.506 983		0.493 017	9.978 659		185	
		23		26			2		
816	9.485 666		9.507 009		0.492 991	9.978 657		184	
		24		26			2		
817	9.485 690		9.507 035		0.492 965	9.978 655		183	
		23		26			3		
818	9.485 713		9.507 061		0.492 939	9.978 652		182	
		24		26			2		
819	9.485 737		9.507 087		0.492 913	9.978 650		181	
		24		26			3		
.820	9.485 761		9.507 113		0.492 887	9.978 647		**.180**	
		23		26			2		
821	9.485 784		9.507 139		0.492 861	9.978 645		179	
		24		26			3		
822	9.485 808		9.507 165		0.492 835	9.978 642		178	
		23		26			2		
823	9.485 831		9.507 191		0.492 809	9.978 640		177	
		24		26			2		
824	9.485 855		9.507 217		0.492 783	9.978 638		176	
		24		26			3		
825	9.485 879		9.507 243		0.492 757	9.978 635		175	
		23		26			2		
826	9.485 902		9.507 269		0.492 731	9.978 633		174	
		24		26			3		
827	9.485 926		9.507 295		0.492 705	9.978 630		173	
		23		26			2		
828	9.485 949		9.507 321		0.492 679	9.978 628		172	
		24		26			3		
829	9.485 973		9.507 347		0.492 653	9.978 625		171	
		23		26			2		
.830	9.485 996		9.507 373		0.492 627	9.978 623		**.170**	
		24		26			3		
831	9.486 020		9.507 399		0.492 601	9.978 620		169	
		24		26			2		
832	9.486 044		9.507 425		0.492 575	9.978 618		168	
		23		26			2		
833	9.486 067		9.507 451		0.492 549	9.978 616		167	
		24		26			3		
834	9.486 091		9.507 477		0.492 523	9.978 613		166	
		23		26			2		
835	9.486 114		9.507 503		0.492 497	9.978 611		165	
		24		26			3		
836	9.486 138		9.507 529		0.492 471	9.978 608		164	
		23		26			2		
837	9.486 161		9.507 555		0.492 445	9.978 606		163	
		24		26			3		
838	9.486 185		9.507 581		0.492 419	9.978 603		162	
		23		26			2		
839	9.486 208		9.507 607		0.492 393	9.978 601		161	
		24		26			2		
.840	9.486 232		9.507 633		0.492 367	9.978 599		**.160**	
		24		26			3		
841	9.486 256		9.507 659		0.492 341	9.978 596		159	
		23		26			2		
842	9.486 279		9.507 685		0.492 315	9.978 594		158	
		24		26			3		
843	9.486 303		9.507 711		0.492 289	9.978 591		157	
		23		26			2		
844	9.486 326		9.507 737		0.492 263	9.978 589		156	
		24		26			3		
845	9.486 350		9.507 763		0.492 237	9.978 586		155	
		23		26			2		
846	9.486 373		9.507 789		0.492 211	9.978 584		154	
		24		26			3		
847	9.486 397		9.507 815		0.492 185	9.978 581		153	
		23		26			2		
848	9.486 420		9.507 841		0.492 159	9.978 579		152	
		24		26			2		
849	9.486 444		9.507 867		0.492 133	9.978 577		151	
		23		26			3		
.850	9.486 467		9.507 893		0.492 107	9.978 574		**.150**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

72°.200 — 72°.150

17°.850 — 17°.900

17°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.486 467		9.507 893		0.492 107	9.978 574		**.150**	
		24		26			2		
851	9.486 491		9.507 919		0.492 081	9.978 572		149	
852	9.486 515	24	9.507 945	26	0.492 055	9.978 569	3	148	
853	9.486 538	23	9.507 971	26	0.492 029	9.978 567	2	147	
		24		26			3		26
854	9.486 562		9.507 997		0.492 003	9.978 564		146	1 2.6
855	9.486 585	23	9.508 023	26	0.491 977	9.978 562	2	145	2 5.2
856	9.486 609	24	9.508 049	26	0.491 951	9.978 559	3	144	3 7.8
		23		26			2		4 10.4
857	9.486 632		9.508 075		0.491 925	9.978 557		143	5 13.0
858	9.486 656	24	9.508 101	26	0.491 899	9.978 555	2	142	6 15.6
859	9.486 679	23	9.508 127	26	0.491 873	9.978 552	3	141	7 18.2
		24		26			2		8 20.8
.860	9.486 703		9.508 153		0.491 847	9.978 550		**.140**	9 23.4
		23		26			3		
861	9.486 726		9.508 179		0.491 821	9.978 547		139	
862	9.486 750	24	9.508 205	26	0.491 795	9.978 545	2	138	
863	9.486 773	23	9.508 231	26	0.491 769	9.978 542	3	137	
		24		26			2		
864	9.486 797		9.508 257		0.491 743	9.978 540		136	
865	9.486 820	23	9.508 283	26	0.491 717	9.978 537	3	135	
866	9.486 844	24	9.508 309	26	0.491 691	9.978 535	2	134	25
		23		26			2		
867	9.486 867		9.508 335		0.491 665	9.978 533		133	1 2.5
868	9.486 891	24	9.508 361	26	0.491 639	9.978 530	3	132	2 5.0
869	9.486 914	23	9.508 387	26	0.491 613	9.978 528	2	131	3 7.5
		24		26			3		4 10.0
.870	9.486 938		9.508 413		0.491 587	9.978 525		**.130**	5 12.5
		23		26			2		6 15.0
871	9.486 961		9.508 439		0.491 561	9.978 523		129	7 17.5
872	9.486 985	24	9.508 465	26	0.491 535	9.978 520	3	128	8 20.0
873	9.487 008	23	9.508 491	26	0.491 509	9.978 518	2	127	9 22.5
		24		25			3		
874	9.487 032		9.508 516		0.491 484	9.978 515		126	
875	9.487 055	23	9.508 542	26	0.491 458	9.978 513	2	125	
876	9.487 079	24	9.508 568	26	0.491 432	9.978 511	2	124	
		23		26			3		
877	9.487 102		9.508 594		0.491 406	9.978 508		123	24
878	9.487 126	24	9.508 620	26	0.491 380	9.978 506	2	122	
879	9.487 149	23	9.508 646	26	0.491 354	9.978 503	3	121	1 2.4
		24		26			2		2 4.8
.880	9.487 173		9.508 672		0.491 328	9.978 501		**.120**	3 7.2
		23		26			3		4 9.6
881	9.487 196		9.508 698		0.491 302	9.978 498		119	5 12.0
882	9.487 220	24	9.508 724	26	0.491 276	9.978 496	2	118	6 14.4
883	9.487 243	23	9.508 750	26	0.491 250	9.978 493	3	117	7 16.8
		24		26			2		8 19.2
884	9.487 267		9.508 776		0.491 224	9.978 491		116	9 21.6
885	9.487 290	23	9.508 802	26	0.491 198	9.978 489	2	115	
886	9.487 314	24	9.508 828	26	0.491 172	9.978 486	3	114	
		23		26			2		
887	9.487 337		9.508 854		0.491 146	9.978 484		113	
888	9.487 361	24	9.508 880	26	0.491 120	9.978 481	3	112	
889	9.487 384	23	9.508 906	26	0.491 094	9.978 479	2	111	23
		24		25			3		
.890	9.487 408		9.508 931		0.491 069	9.978 476		**.110**	1 2.3
		23		26			2		2 4.6
891	9.487 431		9.508 957		0.491 043	9.978 474		109	3 6.9
892	9.487 455	24	9.508 983	26	0.491 017	9.978 471	3	108	4 9.2
893	9.487 478	23	9.509 009	26	0.490 991	9.978 469	2	107	5 11.5
		24		26			2		6 13.8
894	9.487 502		9.509 035		0.490 965	9.978 467		106	7 16.1
895	9.487 525	23	9.509 061	26	0.490 939	9.978 464	3	105	8 18.4
896	9.487 549	24	9.509 087	26	0.490 913	9.978 462	2	104	9 20.7
		23		26			3		
897	9.487 572		9.509 113		0.490 887	9.978 459		103	
898	9.487 596	24	9.509 139	26	0.490 861	9.978 457	2	102	
899	9.487 619	23	9.509 165	26	0.490 835	9.978 454	3	101	
		24		26			2		
.900	9.487 643		9.509 191		0.490 809	9.978 452		**.100**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

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17°.900 — 17°.950

17°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.487 643		9.509 191		0.490 809	9.978 452		**.100**	
		23		26			3		
901	9.487 666		9.509 217		0.490 783	9.978 449		099	
902	9.487 690	24	9.509 243	26	0.490 757	9.978 447	2	098	
903	9.487 713	23	9.509 268	25	0.490 732	9.978 445	2	097	
		23		26			3		26
904	9.487 736		9.509 294		0.490 706	9.978 442		096	1 2.6
905	9.487 760	24	9.509 320	26	0.490 680	9.978 440	2	095	2 5.2
906	9.487 783	23	9.509 346	26	0.490 654	9.978 437	3	094	3 7.8
		24		26			2		4 10.4
907	9.487 807		9.509 372		0.490 628	9.978 435		093	5 13.0
908	9.487 830	23	9.509 398	26	0.490 602	9.978 432	3	092	6 15.6
909	9.487 854	24	9.509 424	26	0.490 576	9.978 430	2	091	7 18.2
		23		26			3		8 20.8
.910	9.487 877		9.509 450		0.490 550	9.978 427		**.090**	9 23.4
		24		26			2		
911	9.487 901		9.509 476		0.490 524	9.978 425		089	
912	9.487 924	23	9.509 502	26	0.490 498	9.978 422	3	088	
913	9.487 948	24	9.509 527	25	0.490 473	9.978 420	2	087	
		23		26			2		
914	9.487 971		9.509 553		0.490 447	9.978 418		086	
915	9.487 994	23	9.509 579	26	0.490 421	9.978 415	3	085	
916	9.488 018	24	9.509 605	26	0.490 395	9.978 413	2	084	25
		23		26			3		
917	9.488 041		9.509 631		0.490 369	9.978 410		083	1 2.5
918	9.488 065	24	9.509 657	26	0.490 343	9.978 408	2	082	2 5.0
919	9.488 088	23	9.509 683	26	0.490 317	9.978 405	3	081	3 7.5
		24		26			2		4 10.0
.920	9.488 112		9.509 709		0.490 291	9.978 403		**.080**	5 12.5
		23		26			3		6 15.0
921	9.488 135		9.509 735		0.490 265	9.978 400		079	7 17.5
922	9.488 159	24	9.509 761	26	0.490 239	9.978 398	2	078	8 20.0
923	9.488 182	23	9.509 786	25	0.490 214	9.978 396	2	077	9 22.5
		23		26			3		
924	9.488 205		9.509 812		0.490 188	9.978 393		076	
925	9.488 229	24	9.509 838	26	0.490 162	9.978 391	2	075	
926	9.488 252	23	9.509 864	26	0.490 136	9.978 388	3	074	
		24		26			2		
927	9.488 276		9.509 890		0.490 110	9.978 386		073	24
928	9.488 299	23	9.509 916	26	0.490 084	9.978 383	3	072	
929	9.488 323	24	9.509 942	26	0.490 058	9.978 381	2	071	1 2.4
		23		26			3		2 4.8
.930	9.488 346		9.509 968		0.490 032	9.978 378		**.070**	3 7.2
		23		25			2		4 9.6
931	9.488 369		9.509 993		0.490 007	9.978 376		069	5 12.0
932	9.488 393	24	9.510 019	26	0.489 981	9.978 373	3	068	6 14.4
933	9.488 416	23	9.510 045	26	0.489 955	9.978 371	2	067	7 16.8
		24		26			2		8 19.2
934	9.488 440		9.510 071		0.489 929	9.978 369		066	9 21.6
935	9.488 463	23	9.510 097	26	0.489 903	9.978 366	3	065	
936	9.488 487	24	9.510 123	26	0.489 877	9.978 364	2	064	
		23		26			3		
937	9.488 510		9.510 149		0.489 851	9.978 361		063	
938	9.488 533	23	9.510 175	26	0.489 825	9.978 359	2	062	
939	9.488 557	24	9.510 200	25	0.489 800	9.978 356	3	061	23
		23		26			2		
.940	9.488 580		9.510 226		0.489 774	9.978 354		**.060**	1 2.3
		24		26			3		2 4.6
941	9.488 604		9.510 252		0.489 748	9.978 351		059	3 6.9
942	9.488 627	23	9.510 278	26	0.489 722	9.978 349	2	058	4 9.2
943	9.488 650	23	9.510 304	26	0.489 696	9.978 346	3	057	5 11.5
		24		26			2		6 13.8
944	9.488 674		9.510 330		0.489 670	9.978 344		056	7 16.1
945	9.488 697	23	9.510 356	26	0.489 644	9.978 342	2	055	8 18.4
946	9.488 721	24	9.510 381	25	0.489 619	9.978 339	3	054	9 20.7
		23		26			2		
947	9.488 744		9.510 407		0.489 593	9.978 337		053	
948	9.488 767	23	9.510 433	26	0.489 567	9.978 334	3	052	
949	9.488 791	24	9.510 459	26	0.489 541	9.978 332	2	051	
		23		26			3		
.950	9.488 814		9.510 485		0.489 515	9.978 329		**.050**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

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17°.950 — 18°.000

17°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.488 814		9.510 485		0.489 515	9.978 329		.050	
		24		26			2		
951	9.488 838		9.510 511		0.489 489	9.978 327		049	
952	9.488 861	23	9.510 537	26	0.489 463	9.978 324	3	048	
953	9.488 884	23	9.510 562	25	0.489 438	9.978 322	2	047	
		24		26			3		26
954	9.488 908		9.510 588		0.489 412	9.978 319		046	1 2.6
955	9.488 931	23	9.510 614	26	0.489 386	9.978 317	2	045	2 5.2
956	9.488 955	24	9.510 640	26	0.489 360	9.978 315	2	044	3 7.8
		23		26			3		4 10.4
957	9.488 978		9.510 666		0.489 334	9.978 312		043	5 13.0
958	9.489 001	23	9.510 692	26	0.489 308	9.978 310	2	042	6 15.6
959	9.489 025	24	9.510 718	26	0.489 282	9.978 307	3	041	7 18.2
		23		25			2		8 20.8
.960	9.489 048		9.510 743		0.489 257	9.978 305		.040	9 23.4
		23		26			3		
961	9.489 071		9.510 769		0.489 231	9.978 302		039	
962	9.489 095	24	9.510 795	26	0.489 205	9.978 300	2	038	
963	9.489 118	23	9.510 821	26	0.489 179	9.978 297	3	037	
		24		26			2		
964	9.489 142		9.510 847		0.489 153	9.978 295		036	
965	9.489 165	23	9.510 873	26	0.489 127	9.978 292	3	035	
966	9.489 188	23	9.510 898	25	0.489 102	9.978 290	2	034	
		24		26			2		25
967	9.489 212		9.510 924		0.489 076	9.978 288		033	1 2.5
968	9.489 235	23	9.510 950	26	0.489 050	9.978 285	3	032	2 5.0
969	9.489 259	24	9.510 976	26	0.489 024	9.978 283	2	031	3 7.5
		23		26			3		4 10.0
.970	9.489 282		9.511 002		0.488 998	9.978 280		.030	5 12.5
		23		26			2		6 15.0
971	9.489 305		9.511 028		0.488 972	9.978 278		029	7 17.5
972	9.489 329	24	9.511 053	25	0.488 947	9.978 275	3	028	8 20.0
973	9.489 352	23	9.511 079	26	0.488 921	9.978 273	2	027	9 22.5
		23		26			3		
974	9.489 375		9.511 105		0.488 895	9.978 270		026	
975	9.489 399	24	9.511 131	26	0.488 869	9.978 268	2	025	
976	9.489 422	23	9.511 157	26	0.488 843	9.978 265	3	024	
		23		26			2		
977	9.489 445		9.511 183		0.488 817	9.978 263		023	24
978	9.489 469	24	9.511 208	25	0.488 792	9.978 260	3	022	1 2.4
979	9.489 492	23	9.511 234	26	0.488 766	9.978 258	2	021	2 4.8
		24		26			2		3 7.2
.980	9.489 516		9.511 260		0.488 740	9.978 256		.020	4 9.6
		23		26			3		5 12.0
981	9.489 539		9.511 286		0.488 714	9.978 253		019	6 14.4
982	9.489 562	23	9.511 312	26	0.488 688	9.978 251	2	018	7 16.8
983	9.489 586	24	9.511 337	25	0.488 663	9.978 248	3	017	8 19.2
		23		26			2		9 21.6
984	9.489 609		9.511 363		0.488 637	9.978 246		016	
985	9.489 632	23	9.511 389	26	0.488 611	9.978 243	3	015	
986	9.489 656	24	9.511 415	26	0.488 585	9.978 241	2	014	
		23		26			3		
987	9.489 679		9.511 441		0.488 559	9.978 238		013	23
988	9.489 702	23	9.511 466	25	0.488 534	9.978 236	2	012	1 2.3
989	9.489 726	24	9.511 492	26	0.488 508	9.978 233	3	011	2 4.6
		23		26			2		3 6.9
.990	9.489 749		9.511 518		0.488 482	9.978 231		.010	4 9.2
		23		26			3		5 11.5
991	9.489 772		9.511 544		0.488 456	9.978 228		009	6 13.8
992	9.489 796	24	9.511 570	26	0.488 430	9.978 226	2	008	7 16.1
993	9.489 819	23	9.511 595	25	0.488 405	9.978 224	2	007	8 18.4
		23		26			3		9 20.7
994	9.489 842		9.511 621		0.488 379	9.978 221		006	
995	9.489 866	24	9.511 647	26	0.488 353	9.978 219	2	005	
996	9.489 889	23	9.511 673	26	0.488 327	9.978 216	3	004	
		23		26			2		
997	9.489 912		9.511 699		0.488 301	9.978 214		003	
998	9.489 936	24	9.511 724	25	0.488 276	9.978 211	3	002	
999	9.489 959	23	9.511 750	26	0.488 250	9.978 209	2	001	
		23		26			3		
*000	9.489 982		9.511 776		0.488 224	9.978 206		.000	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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18°.000 — 18°.050

18°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.489 982		9.511 776		0.488 224	9.978 206		*000	
		24		26			2		
001	9.490 006		9.511 802		0.488 198	9.978 204		999	
002	9.490 029	23	9.511 828	26	0.488 172	9.978 201	3	998	
003	9.490 052	23	9.511 853	25	0.488 147	9.978 199	2	997	
		24		26			3		26
004	9.490 076		9.511 879		0.488 121	9.978 196		996	1 2.6
005	9.490 099	23	9.511 905	26	0.488 095	9.978 194	2	995	2 5.2
006	9.490 122	23	9.511 931	26	0.488 069	9.978 192	2	994	3 7.8
		24		26			3		4 10.4
007	9.490 146		9.511 957		0.488 043	9.978 189		993	5 13.0
008	9.490 169	23	9.511 982	25	0.488 018	9.978 187	2	992	6 15.6
009	9.490 192	23	9.512 008	26	0.487 992	9.978 184	3	991	7 18.2
		24		26			2		8 20.8
.010	9.490 216		9.512 034		0.487 966	9.978 182		.990	9 23.4
		23		26			3		
011	9.490 239		9.512 060		0.487 940	9.978 179		989	
012	9.490 262	23	9.512 085	25	0.487 915	9.978 177	2	988	
013	9.490 286	24	9.512 111	26	0.487 889	9.978 174	3	987	
		23		26			2		
014	9.490 309		9.512 137		0.487 863	9.978 172		986	
015	9.490 332	23	9.512 163	26	0.487 837	9.978 169	3	985	
016	9.490 355	23	9.512 189	26	0.487 811	9.978 167	2	984	25
		24		25			3		
017	9.490 379		9.512 214		0.487 786	9.978 164		983	1 2.5
018	9.490 402	23	9.512 240	26	0.487 760	9.978 162	2	982	2 5.0
019	9.490 425	23	9.512 266	26	0.487 734	9.978 160	2	981	3 7.5
		24		26			3		4 10.0
.020	9.490 449		9.512 292		0.487 708	9.978 157		.980	5 12.5
		23		25			2		6 15.0
021	9.490 472		9.512 317		0.487 683	9.978 155		979	7 17.5
022	9.490 495	23	9.512 343	26	0.487 657	9.978 152	3	978	8 20.0
023	9.490 519	24	9.512 369	26	0.487 631	9.978 150	2	977	9 22.5
		23		26			3		
024	9.490 542		9.512 395		0.487 605	9.978 147		976	
025	9.490 565	23	9.512 420	25	0.487 580	9.978 145	2	975	
026	9.490 588	23	9.512 446	26	0.487 554	9.978 142	3	974	
		24		26			2		
027	9.490 612		9.512 472		0.487 528	9.978 140		973	24
028	9.490 635	23	9.512 498	26	0.487 502	9.978 137	3	972	
029	9.490 658	23	9.512 523	25	0.487 477	9.978 135	2	971	1 2.4
		24		26			3		2 4.8
.030	9.490 682		9.512 549		0.487 451	9.978 132		.970	3 7.2
		23		26			2		4 9.6
031	9.490 705		9.512 575		0.487 425	9.978 130		969	5 12.0
032	9.490 728	23	9.512 601	26	0.487 399	9.978 127	3	968	6 14.4
033	9.490 751	23	9.512 626	25	0.487 374	9.978 125	2	967	7 16.8
		24		26			2		8 19.2
034	9.490 775		9.512 652		0.487 348	9.978 123		966	9 21.6
035	9.490 798	23	9.512 678	26	0.487 322	9.978 120	3	965	
036	9.490 821	23	9.512 704	26	0.487 296	9.978 118	2	964	
		24		25			3		
037	9.490 845		9.512 729		0.487 271	9.978 115		963	
038	9.490 868	23	9.512 755	26	0.487 245	9.978 113	2	962	
039	9.490 891	23	9.512 781	26	0.487 219	9.978 110	3	961	23
		23		26			2		
.040	9.490 914		9.512 807		0.487 193	9.978 108		.960	1 2.3
		24		25			3		2 4.6
041	9.490 938		9.512 832		0.487 168	9.978 105		959	3 6.9
042	9.490 961	23	9.512 858	26	0.487 142	9.978 103	2	958	4 9.2
043	9.490 984	23	9.512 884	26	0.487 116	9.978 100	3	957	5 11.5
		23		26			2		6 13.8
044	9.491 007		9.512 910		0.487 090	9.978 098		956	7 16.1
045	9.491 031	24	9.512 935	25	0.487 065	9.978 095	3	955	8 18.4
046	9.491 054	23	9.512 961	26	0.487 039	9.978 093	2	954	9 20.7
		23		26			3		
047	9.491 077		9.512 987		0.487 013	9.978 090		953	
048	9.491 101	24	9.513 013	26	0.486 987	9.978 088	2	952	
049	9.491 124	23	9.513 038	25	0.486 962	9.978 085	3	951	
		23		26			2		
.050	9.491 147		9.513 064		0.486 936	9.978 083		.950	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

72°.000 — 71°.950

18°.050 — 18°.100

18°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.491 147		9.513 064		0.486 936	9.978 083		**.950**	
		23		26			2		
051	9.491 170		9.513 090		0.486 910	9.978 081		949	
052	9.491 194	24	9.513 116	26	0.486 884	9.978 078	3	948	
053	9.491 217	23	9.513 141	25	0.486 859	9.978 076	2	947	
		23		26			3		26
054	9.491 240		9.513 167		0.486 833	9.978 073		946	1 2.6
055	9.491 263	23	9.513 193	26	0.486 807	9.978 071	2	945	2 5.2
056	9.491 287	24	9.513 218	25	0.486 782	9.978 068	3	944	3 7.8
		23		26			2		4 10.4
057	9.491 310		9.513 244		0.486 756	9.978 066		943	5 13.0
058	9.491 333	23	9.513 270	26	0.486 730	9.978 063	3	942	6 15.6
059	9.491 356	23	9.513 296	26	0.486 704	9.978 061	2	941	7 18.2
		24		25			3		8 20.8
.060	9.491 380		9.513 321		0.486 679	9.978 058		**.940**	9 23.4
		23		26			2		
061	9.491 403		9.513 347		0.486 653	9.978 056		939	
062	9.491 426	23	9.513 373	26	0.486 627	9.978 053	3	938	
063	9.491 449	23	9.513 398	25	0.486 602	9.978 051	2	937	
		24		26			3		
064	9.491 473		9.513 424		0.486 576	9.978 048		936	
065	9.491 496	23	9.513 450	26	0.486 550	9.978 046	2	935	
066	9.491 519	23	9.513 476	26	0.486 524	9.978 043	3	934	25
		23		25			2		
067	9.491 542		9.513 501		0.486 499	9.978 041		933	1 2.5
068	9.491 566	24	9.513 527	26	0.486 473	9.978 039	2	932	2 5.0
069	9.491 589	23	9.513 553	26	0.486 447	9.978 036	3	931	3 7.5
		23		25			2		4 10.0
.070	9.491 612		9.513 578		0.486 422	9.978 034		**.930**	5 12.5
		23		26			3		6 15.0
071	9.491 635		9.513 604		0.486 396	9.978 031		929	7 17.5
072	9.491 658	23	9.513 630	26	0.486 370	9.978 029	2	928	8 20.0
073	9.491 682	24	9.513 656	26	0.486 344	9.978 026	3	927	9 22.5
		23		25			2		
074	9.491 705		9.513 681		0.486 319	9.978 024		926	
075	9.491 728	23	9.513 707	26	0.486 293	9.978 021	3	925	
076	9.491 751	23	9.513 733	26	0.486 267	9.978 019	2	924	
		24		25			3		
077	9.491 775		9.513 758		0.486 242	9.978 016		923	24
078	9.491 798	23	9.513 784	26	0.486 216	9.978 014	2	922	
079	9.491 821	23	9.513 810	26	0.486 190	9.978 011	3	921	1 2.4
		23		25			2		2 4.8
.080	9.491 844		9.513 835		0.486 165	9.978 009		**.920**	3 7.2
		23		26			3		4 9.6
081	9.491 867		9.513 861		0.486 139	9.978 006		919	5 12.0
082	9.491 891	24	9.513 887	26	0.486 113	9.978 004	2	918	6 14.4
083	9.491 914	23	9.513 912	25	0.486 088	9.978 001	3	917	7 16.8
		23		26			2		8 19.2
084	9.491 937		9.513 938		0.486 062	9.977 999		916	9 21.6
085	9.491 960	23	9.513 964	26	0.486 036	9.977 996	3	915	
086	9.491 984	24	9.513 990	26	0.486 010	9.977 994	2	914	
		23		25			2		
087	9.492 007		9.514 015		0.485 985	9.977 992		913	
088	9.492 030	23	9.514 041	26	0.485 959	9.977 989	3	912	
089	9.492 053	23	9.514 067	26	0.485 933	9.977 987	2	911	23
		23		25			3		
.090	9.492 076		9.514 092		0.485 908	9.977 984		**.910**	1 2.3
		24		26			2		2 4.6
091	9.492 100		9.514 118		0.485 882	9.977 982		909	3 6.9
092	9.492 123	23	9.514 144	26	0.485 856	9.977 979	3	908	4 9.2
093	9.492 146	23	9.514 169	25	0.485 831	9.977 977	2	907	5 11.5
		23		26			3		6 13.8
094	9.492 169		9.514 195		0.485 805	9.977 974		906	7 16.1
095	9.492 192	23	9.514 221	26	0.485 779	9.977 972	2	905	8 18.4
096	9.492 216	24	9.514 246	25	0.485 754	9.977 969	3	904	9 20.7
		23		26			2		
097	9.492 239		9.514 272		0.485 728	9.977 967		903	
098	9.492 262	23	9.514 298	26	0.485 702	9.977 964	3	902	
099	9.492 285	23	9.514 323	25	0.485 677	9.977 962	2	901	
		23		26			3		
.100	9.492 308		9.514 349		0.485 651	9.977 959		**.900**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

71°.950 — 71°.900

18°.100 — 18°.150

18°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.492 308		9.514 349		0.485 651	9.977 959		**.900**	
		23		26			2		
101	9.492 331		9.514 375		0.485 625	9.977 957		899	
		24		25			3		
102	9.492 355		9.514 400		0.485 600	9.977 954		898	
		23		26			2		
103	9.492 378		9.514 426		0.485 574	9.977 952		897	
		23		26			3		
104	9.492 401		9.514 452		0.485 548	9.977 949		896	
		23		25			2		
105	9.492 424		9.514 477		0.485 523	9.977 947		895	
		23		26			3		
106	9.492 447		9.514 503		0.485 497	9.977 944		894	
		24		26			2		
107	9.492 471		9.514 529		0.485 471	9.977 942		893	
		23		25			3		
108	9.492 494		9.514 554		0.485 446	9.977 939		892	
		23		26			2		
109	9.492 517		9.514 580		0.485 420	9.977 937		891	
		23		26			2		
.110	9.492 540		9.514 606		0.485 394	9.977 935		**.890**	
		23		25			3		
111	9.492 563		9.514 631		0.485 369	9.977 932		889	
		23		26			2		
112	9.492 586		9.514 657		0.485 343	9.977 930		888	
		24		26			3		
113	9.492 610		9.514 683		0.485 317	9.977 927		887	
		23		25			2		
114	9.492 633		9.514 708		0.485 292	9.977 925		886	
		23		26			3		
115	9.492 656		9.514 734		0.485 266	9.977 922		885	
		23		26			2		
116	9.492 679		9.514 760		0.485 240	9.977 920		884	
		23		25			3		
117	9.492 702		9.514 785		0.485 215	9.977 917		883	
		24		26			2		
118	9.492 726		9.514 811		0.485 189	9.977 915		882	
		23		25			3		
119	9.492 749		9.514 836		0.485 164	9.977 912		881	
		23		26			2		
.120	9.492 772		9.514 862		0.485 138	9.977 910		**.880**	
		23		26			3		
121	9.492 795		9.514 888		0.485 112	9.977 907		879	
		23		25			2		
122	9.492 818		9.514 913		0.485 087	9.977 905		878	
		23		26			3		
123	9.492 841		9.514 939		0.485 061	9.977 902		877	
		23		26			2		
124	9.492 864		9.514 965		0.485 035	9.977 900		876	
		24		25			3		
125	9.492 888		9.514 990		0.485 010	9.977 897		875	
		23		26			2		
126	9.492 911		9.515 016		0.484 984	9.977 895		874	
		23		26			3		
127	9.492 934		9.515 042		0.484 958	9.977 892		873	
		23		25			2		
128	9.492 957		9.515 067		0.484 933	9.977 890		872	
		23		26			3		
129	9.492 980		9.515 093		0.484 907	9.977 887		871	
		23		25			2		
.130	9.493 003		9.515 118		0.484 882	9.977 885		**.870**	
		24		26			3		
131	9.493 027		9.515 144		0.484 856	9.977 882		869	
		23		26			2		
132	9.493 050		9.515 170		0.484 830	9.977 880		868	
		23		25			3		
133	9.493 073		9.515 195		0.484 805	9.977 877		867	
		23		26			2		
134	9.493 096		9.515 221		0.484 779	9.977 875		866	
		23		26			2		
135	9.493 119		9.515 247		0.484 753	9.977 873		865	
		23		25			3		
136	9.493 142		9.515 272		0.484 728	9.977 870		864	
		23		26			2		
137	9.493 165		9.515 298		0.484 702	9.977 868		863	
		24		26			3		
138	9.493 189		9.515 324		0.484 676	9.977 865		862	
		23		25			2		
139	9.493 212		9.515 349		0.484 651	9.977 863		861	
		23		26			3		
.140	9.493 235		9.515 375		0.484 625	9.977 860		**.860**	
		23		25			2		
141	9.493 258		9.515 400		0.484 600	9.977 858		859	
		23		26			3		
142	9.493 281		9.515 426		0.484 574	9.977 855		858	
		23		26			2		
143	9.493 304		9.515 452		0.484 548	9.977 853		857	
		23		25			3		
144	9.493 327		9.515 477		0.484 523	9.977 850		856	
		23		26			2		
145	9.493 350		9.515 503		0.484 497	9.977 848		855	
		24		25			3		
146	9.493 374		9.515 528		0.484 472	9.977 845		854	
		23		26			2		
147	9.493 397		9.515 554		0.484 446	9.977 843		853	
		23		26			3		
148	9.493 420		9.515 580		0.484 420	9.977 840		852	
		23		25			2		
149	9.493 443		9.515 605		0.484 395	9.977 838		851	
		23		26			3		
.150	9.493 466		9.515 631		0.484 369	9.977 835		**.850**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

71°.900 — 71°.850

18°.150 — 18°.200

18°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.493 466		9.515 631		0.484 369	9.977 835		**.850**	
		23		25			2		
151	9.493 489		9.515 656		0.484 344	9.977 833		849	
		23		26			3		
152	9.493 512		9.515 682		0.484 318	9.977 830		848	
		23		26			2		
153	9.493 535		9.515 708		0.484 292	9.977 828		847	
		24		25			3		26
154	9.493 559		9.515 733		0.484 267	9.977 825		846	
		23		26			2		1 2.6
155	9.493 582		9.515 759		0.484 241	9.977 823		845	2 5.2
		23		25			3		3 7.8
156	9.493 605		9.515 784		0.484 216	9.977 820		844	4 10.4
		23		26			2		5 13.0
157	9.493 628		9.515 810		0.484 190	9.977 818		843	6 15.6
		23		26			3		7 18.2
158	9.493 651		9.515 836		0.484 164	9.977 815		842	8 20.8
		23		25			2		9 23.4
159	9.493 674		9.515 861		0.484 139	9.977 813		841	
		23		26			3		
.160	9.493 697		9.515 887		0.484 113	9.977 810		**.840**	
		23		25			2		
161	9.493 720		9.515 912		0.484 088	9.977 808		839	
		23		26			3		
162	9.493 743		9.515 938		0.484 062	9.977 805		838	
		24		26			2		
163	9.493 767		9.515 964		0.484 036	9.977 803		837	
		23		25			3		
164	9.493 790		9.515 989		0.484 011	9.977 800		836	
		23		26			2		
165	9.493 813		9.516 015		0.483 985	9.977 798		835	
		23		25			3		
166	9.493 836		9.516 040		0.483 960	9.977 795		834	
		23		26			2		
167	9.493 859		9.516 066		0.483 934	9.977 793		833	
		23		26			2		
168	9.493 882		9.516 092		0.483 908	9.977 791		832	
		23		25			3		
169	9.493 905		9.516 117		0.483 883	9.977 788		831	
		23		26			2		
.170	9.493 928		9.516 143		0.483 857	9.977 786		**.830**	
		23		25			3		
171	9.493 951		9.516 168		0.483 832	9.977 783		829	
		23		26			2		
172	9.493 974		9.516 194		0.483 806	9.977 781		828	
		24		26			3		
173	9.493 998		9.516 220		0.483 780	9.977 778		827	
		23		25			2		
174	9.494 021		9.516 245		0.483 755	9.977 776		826	
		23		26			3		
175	9.494 044		9.516 271		0.483 729	9.977 773		825	
		23		25			2		
176	9.494 067		9.516 296		0.483 704	9.977 771		824	
		23		26			3		
177	9.494 090		9.516 322		0.483 678	9.977 768		823	
		23		25			2		
178	9.494 113		9.516 347		0.483 653	9.977 766		822	
		23		26			3		
179	9.494 136		9.516 373		0.483 627	9.977 763		821	
		23		26			2		
.180	9.494 159		9.516 399		0.483 601	9.977 761		**.820**	
		23		25			3		
181	9.494 182		9.516 424		0.483 576	9.977 758		819	
		23		26			2		
182	9.494 205		9.516 450		0.483 550	9.977 756		818	
		23		25			3		
183	9.494 228		9.516 475		0.483 525	9.977 753		817	
		23		26			2		
184	9.494 251		9.516 501		0.483 499	9.977 751		816	
		24		25			3		
185	9.494 275		9.516 526		0.483 474	9.977 748		815	
		23		26			2		
186	9.494 298		9.516 552		0.483 448	9.977 746		814	
		23		26			3		
187	9.494 321		9.516 578		0.483 422	9.977 743		813	
		23		25			2		
188	9.494 344		9.516 603		0.483 397	9.977 741		812	
		23		26			3		
189	9.494 367		9.516 629		0.483 371	9.977 738		811	
		23		25			2		
.190	9.494 390		9.516 654		0.483 346	9.977 736		**.810**	
		23		26			3		
191	9.494 413		9.516 680		0.483 320	9.977 733		809	
		23		25			2		
192	9.494 436		9.516 705		0.483 295	9.977 731		808	
		23		26			3		
193	9.494 459		9.516 731		0.483 269	9.977 728		807	
		23		25			2		
194	9.494 482		9.516 756		0.483 244	9.977 726		806	
		23		26			3		
195	9.494 505		9.516 782		0.483 218	9.977 723		805	
		23		26			2		
196	9.494 528		9.516 808		0.483 192	9.977 721		804	
		23		25			3		
197	9.494 551		9.516 833		0.483 167	9.977 718		803	
		23		26			2		
198	9.494 574		9.516 859		0.483 141	9.977 716		802	
		23		25			3		
199	9.494 597		9.516 884		0.483 116	9.977 713		801	
		24		26			2		
.200	9.494 621		9.516 910		0.483 090	9.977 711		**.800**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

71°.850 — 71°.800

18°.200 — 18°.250

18°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.494 621		9.516 910		0.483 090	9.977 711		.800	
		23		25			3		
201	9.494 644		9.516 935		0.483 065	9.977 708		799	
202	9.494 667	23	9.516 961	26	0.483 039	9.977 706	2	798	
203	9.494 690	23	9.516 986	25	0.483 014	9.977 703	3	797	
		23		26			2		26
204	9.494 713		9.517 012		0.482 988	9.977 701		796	1 2.6
205	9.494 736	23	9.517 037	25	0.482 963	9.977 698	3	795	2 5.2
206	9.494 759	23	9.517 063	26	0.482 937	9.977 696	2	794	3 7.8
		23		26			3		4 10.4
207	9.494 782		9.517 089		0.482 911	9.977 693		793	5 13.0
208	9.494 805	23	9.517 114	25	0.482 886	9.977 691	2	792	6 15.6
209	9.494 828	23	9.517 140	26	0.482 860	9.977 688	3	791	7 18.2
		23		25			2		8 20.8
.210	9.494 851		9.517 165		0.482 835	9.977 686		.790	9 23.4
		23		26			3		
211	9.494 874		9.517 191		0.482 809	9.977 683		789	
212	9.494 897	23	9.517 216	25	0.482 784	9.977 681	2	788	
213	9.494 920	23	9.517 242	26	0.482 758	9.977 678	3	787	
		23		25			2		
214	9.494 943		9.517 267		0.482 733	9.977 676		786	
215	9.494 966	23	9.517 293	26	0.482 707	9.977 673	3	785	
216	9.494 989	23	9.517 318	25	0.482 682	9.977 671	2	784	25
		23		26			3		
217	9.495 012		9.517 344		0.482 656	9.977 668		783	1 2.5
218	9.495 035	23	9.517 369	25	0.482 631	9.977 666	2	782	2 5.0
219	9.495 058	23	9.517 395	26	0.482 605	9.977 663	3	781	3 7.5
		23		25			2		4 10.0
.220	9.495 081		9.517 420		0.482 580	9.977 661		.780	5 12.5
		23		26			3		6 15.0
221	9.495 104		9.517 446		0.482 554	9.977 658		779	7 17.5
222	9.495 127	23	9.517 471	25	0.482 529	9.977 656	2	778	8 20.0
223	9.495 150	23	9.517 497	26	0.482 503	9.977 653	3	777	9 22.5
		23		25			2		
224	9.495 173		9.517 522		0.482 478	9.977 651		776	
225	9.495 196	23	9.517 548	26	0.482 452	9.977 648	3	775	
226	9.495 219	23	9.517 574	26	0.482 426	9.977 646	2	774	
		24		25			3		
227	9.495 243		9.517 599		0.482 401	9.977 643		773	24
228	9.495 266	23	9.517 625	26	0.482 375	9.977 641	2	772	
229	9.495 289	23	9.517 650	25	0.482 350	9.977 638	3	771	1 2.4
		23		26			2		2 4.8
.230	9.495 312		9.517 676		0.482 324	9.977 636		.770	3 7.2
		23		25			2		4 9.6
231	9.495 335		9.517 701		0.482 299	9.977 634		769	5 12.0
232	9.495 358	23	9.517 727	26	0.482 273	9.977 631	3	768	6 14.4
233	9.495 381	23	9.517 752	25	0.482 248	9.977 629	2	767	7 16.8
		23		26			3		8 19.2
234	9.495 404		9.517 778		0.482 222	9.977 626		766	9 21.6
235	9.495 427	23	9.517 803	25	0.482 197	9.977 624	2	765	
236	9.495 450	23	9.517 829	26	0.482 171	9.977 621	3	764	
		23		25			2		
237	9.495 473		9.517 854		0.482 146	9.977 619		763	
238	9.495 496	23	9.517 880	26	0.482 120	9.977 616	3	762	
239	9.495 519	23	9.517 905	25	0.482 095	9.977 614	2	761	23
		23		26			3		
.240	9.495 542		9.517 931		0.482 069	9.977 611		.760	1 2.3
		23		25			2		2 4.6
241	9.495 565		9.517 956		0.482 044	9.977 609		759	3 6.9
242	9.495 588	23	9.517 982	26	0.482 018	9.977 606	3	758	4 9.2
243	9.495 611	23	9.518 007	25	0.481 993	9.977 604	2	757	5 11.5
		23		26			3		6 13.8
244	9.495 634		9.518 033		0.481 967	9.977 601		756	7 16.1
245	9.495 657	23	9.518 058	25	0.481 942	9.977 599	2	755	8 18.4
246	9.495 680	23	9.518 084	26	0.481 916	9.977 596	3	754	9 20.7
		23		25			2		
247	9.495 703		9.518 109		0.481 891	9.977 594		753	
248	9.495 726	23	9.518 135	26	0.481 865	9.977 591	3	752	
249	9.495 749	23	9.518 160	25	0.481 840	9.977 589	2	751	
		23		26			3		
.250	9.495 772		9.518 186		0.481 814	9.977 586		.750	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.800 — 71°.750

$18^\circ.250 - 18^\circ.300$

18°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.495 772		9.518 186		0.481 814	9.977 586		**.750**	
		23		25			2		
251	9.495 795		9.518 211		0.481 789	9.977 584		749	
252	9.495 818	23	9.518 236	25	0.481 764	9.977 581	3	748	
253	9.495 841	23	9.518 262	26	0.481 738	9.977 579	2	747	
		22		25			3		26
254	9.495 863		9.518 287		0.481 713	9.977 576		746	1 2.6
255	9.495 886	23	9.518 313	26	0.481 687	9.977 574	2	745	2 5.2
256	9.495 909	23	9.518 338	25	0.481 662	9.977 571	3	744	3 7.8
		23		26			2		4 10.4
257	9.495 932		9.518 364		0.481 636	9.977 569		743	5 13.0
258	9.495 955	23	9.518 389	25	0.481 611	9.977 566	3	742	6 15.6
259	9.495 978	23	9.518 415	26	0.481 585	9.977 564	2	741	7 18.2
		23		25			3		8 20.8
.260	9.496 001		9.518 440		0.481 560	9.977 561		**.740**	9 23.4
		23		26			2		
261	9.496 024		9.518 466		0.481 534	9.977 559		739	
262	9.496 047	23	9.518 491	25	0.481 509	9.977 556	3	738	
263	9.496 070	23	9.518 517	26	0.481 483	9.977 554	2	737	
		23		25			3		
264	9.496 093		9.518 542		0.481 458	9.977 551		736	
265	9.496 116	23	9.518 568	26	0.481 432	9.977 549	2	735	
266	9.496 139	23	9.518 593	25	0.481 407	9.977 546	3	734	25
		23		26			2		1 2.5
267	9.496 162		9.518 619		0.481 381	9.977 544		733	2 5.0
268	9.496 185	23	9.518 644	25	0.481 356	9.977 541	3	732	3 7.5
269	9.496 208	23	9.518 670	26	0.481 330	9.977 539	2	731	4 10.0
		23		25			3		5 12.5
.270	9.496 231		9.518 695		0.481 305	9.977 536		**.730**	6 15.0
		23		25			2		7 17.5
271	9.496 254		9.518 720		0.481 280	9.977 534		729	8 20.0
272	9.496 277	23	9.518 746	26	0.481 254	9.977 531	3	728	9 22.5
273	9.496 300	23	9.518 771	25	0.481 229	9.977 529	2	727	
		23		26			3		
274	9.496 323		9.518 797		0.481 203	9.977 526		726	
275	9.496 346	23	9.518 822	25	0.481 178	9.977 524	2	725	
276	9.496 369	23	9.518 848	26	0.481 152	9.977 521	3	724	
		23		25			3		23
277	9.496 392		9.518 873		0.481 127	9.977 518		723	1 2.3
278	9.496 415	23	9.518 899	26	0.481 101	9.977 516	2	722	2 4.6
279	9.496 438	23	9.518 924	25	0.481 076	9.977 513	3	721	3 6.9
		23		26			2		4 9.2
.280	9.496 461		9.518 950		0.481 050	9.977 511		**.720**	5 11.5
		23		25			3		6 13.8
281	9.496 484		9.518 975		0.481 025	9.977 508		719	7 16.1
282	9.496 506	22	9.519 000	25	0.481 000	9.977 506	2	718	8 18.4
283	9.496 529	23	9.519 026	26	0.480 974	9.977 503	3	717	9 20.7
		23		25			2		
284	9.496 552		9.519 051		0.480 949	9.977 501		716	
285	9.496 575	23	9.519 077	26	0.480 923	9.977 498	3	715	
286	9.496 598	23	9.519 102	25	0.480 898	9.977 496	2	714	
		23		26			3		22
287	9.496 621		9.519 128		0.480 872	9.977 493		713	1 2.2
288	9.496 644	23	9.519 153	25	0.480 847	9.977 491	2	712	2 4.4
289	9.496 667	23	9.519 179	26	0.480 821	9.977 488	3	711	3 6.6
		23		25			2		4 8.8
.290	9.496 690		9.519 204		0.480 796	9.977 486		**.710**	5 11.0
		23		25			3		6 13.2
291	9.496 713		9.519 229		0.480 771	9.977 483		709	7 15.4
292	9.496 736	23	9.519 255	26	0.480 745	9.977 481	2	708	8 17.6
293	9.496 759	23	9.519 280	25	0.480 720	9.977 478	3	707	9 19.8
		23		26			2		
294	9.496 782		9.519 306		0.480 694	9.977 476		706	
295	9.496 805	23	9.519 331	25	0.480 669	9.977 473	3	705	
296	9.496 828	23	9.519 357	26	0.480 643	9.977 471	2	704	
		22		25			3		
297	9.496 850		9.519 382		0.480 618	9.977 468		703	
298	9.496 873	23	9.519 407	25	0.480 593	9.977 466	2	702	
299	9.496 896	23	9.519 433	26	0.480 567	9.977 463	3	701	
		23		25			2		
.300	9.496 919		9.519 458		0.480 542	9.977 461		**.700**	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

$71^\circ.750 - 71^\circ.700$

18°.300 — 18°.350

18°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.496 919		9.519 458		0.480 542	9.977 461		.700	
		23		26			3		
301	9.496 942		9.519 484		0.480 516	9.977 458		699	
		23		25			2		
302	9.496 965		9.519 509		0.480 491	9.977 456		698	
		23		26			3		
303	9.496 988		9.519 535		0.480 465	9.977 453		697	
		23		25			2		
304	9.497 011		9.519 560		0.480 440	9.977 451		696	
		23		25			3		
305	9.497 034		9.519 585		0.480 415	9.977 448		695	
		23		26			2		
306	9.497 057		9.519 611		0.480 389	9.977 446		694	
		23		25			3		
307	9.497 080		9.519 636		0.480 364	9.977 443		693	
		23		26			2		
308	9.497 103		9.519 662		0.480 338	9.977 441		692	
		22		25			3		
309	9.497 125		9.519 687		0.480 313	9.977 438		691	
		23		26			2		
.310	9.497 148		9.519 713		0.480 287	9.977 436		.690	
		23		25			3		
311	9.497 171		9.519 738		0.480 262	9.977 433		689	
		23		25			2		
312	9.497 194		9.519 763		0.480 237	9.977 431		688	
		23		26			3		
313	9.497 217		9.519 789		0.480 211	9.977 428		687	
		23		25			2		
314	9.497 240		9.519 814		0.480 186	9.977 426		686	
		23		26			3		
315	9.497 263		9.519 840		0.480 160	9.977 423		685	
		23		25			2		
316	9.497 286		9.519 865		0.480 135	9.977 421		684	
		23		25			3		
317	9.497 309		9.519 890		0.480 110	9.977 418		683	
		23		26			2		
318	9.497 332		9.519 916		0.480 084	9.977 416		682	
		22		25			3		
319	9.497 354		9.519 941		0.480 059	9.977 413		681	
		23		26			2		
.320	9.497 377		9.519 967		0.480 033	9.977 411		.680	
		23		25			3		
321	9.497 400		9.519 992		0.480 008	9.977 408		679	
		23		25			2		
322	9.497 423		9.520 017		0.479 983	9.977 406		678	
		23		26			3		
323	9.497 446		9.520 043		0.479 957	9.977 403		677	
		23		25			2		
324	9.497 469		9.520 068		0.479 932	9.977 401		676	
		23		26			3		
325	9.497 492		9.520 094		0.479 906	9.977 398		675	
		23		25			2		
326	9.497 515		9.520 119		0.479 881	9.977 396		674	
		23		25			3		
327	9.497 538		9.520 144		0.479 856	9.977 393		673	
		22		26			2		
328	9.497 560		9.520 170		0.479 830	9.977 391		672	
		23		25			3		
329	9.497 583		9.520 195		0.479 805	9.977 388		671	
		23		26			2		
.330	9.497 606		9.520 221		0.479 779	9.977 386		.670	
		23		25			3		
331	9.497 629		9.520 246		0.479 754	9.977 383		669	
		23		25			2		
332	9.497 652		9.520 271		0.479 729	9.977 381		668	
		23		26			3		
333	9.497 675		9.520 297		0.479 703	9.977 378		667	
		23		25			2		
334	9.497 698		9.520 322		0.479 678	9.977 376		666	
		23		26			3		
335	9.497 721		9.520 348		0.479 652	9.977 373		665	
		22		25			2		
336	9.497 743		9.520 373		0.479 627	9.977 371		664	
		23		25			3		
337	9.497 766		9.520 398		0.479 602	9.977 368		663	
		23		26			2		
338	9.497 789		9.520 424		0.479 576	9.977 366		662	
		23		25			3		
339	9.497 812		9.520 449		0.479 551	9.977 363		661	
		23		25			3		
.340	9.497 835		9.520 474		0.479 526	9.977 360		.660	
		23		26			2		
341	9.497 858		9.520 500		0.479 500	9.977 358		659	
		23		25			3		
342	9.497 881		9.520 525		0.479 475	9.977 355		658	
		23		26			2		
343	9.497 904		9.520 551		0.479 449	9.977 353		657	
		22		25			3		
344	9.497 926		9.520 576		0.479 424	9.977 350		656	
		23		25			2		
345	9.497 949		9.520 601		0.479 399	9.977 348		655	
		23		26			3		
346	9.497 972		9.520 627		0.479 373	9.977 345		654	
		23		25			2		
347	9.497 995		9.520 652		0.479 348	9.977 343		653	
		23		25			3		
348	9.498 018		9.520 677		0.479 323	9.977 340		652	
		23		26			2		
349	9.498 041		9.520 703		0.479 297	9.977 338		651	
		23		25			3		
.350	9.498 064		9.520 728		0.479 272	9.977 335		.650	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

71°.700 — 71°.650

18°.350 — 18°.400

18°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.498 064		9.520 728		0.479 272	9.977 335		.650	
		22		26			2		
351	9.498 086		9.520 754		0.479 246	9.977 333		649	
		23		25			3		
352	9.498 109		9.520 779		0.479 221	9.977 330		648	
		23		25			2		
353	9.498 132		9.520 804		0.479 196	9.977 328		647	
		23		26			3		
354	9.498 155		9.520 830		0.479 170	9.977 325		646	
		23		25			2		
355	9.498 178		9.520 855		0.479 145	9.977 323		645	
		23		25			3		
356	9.498 201		9.520 880		0.479 120	9.977 320		644	
		22		26			2		
357	9.498 223		9.520 906		0.479 094	9.977 318		643	
		23		25			3		
358	9.498 246		9.520 931		0.479 069	9.977 315		642	
		23		25			2		
359	9.498 269		9.520 956		0.479 044	9.977 313		641	
		23		26			3		
.360	9.498 292		9.520 982		0.479 018	9.977 310		.640	
		23		25			2		
361	9.498 315		9.521 007		0.478 993	9.977 308		639	
		23		25			3		
362	9.498 338		9.521 032		0.478 968	9.977 305		638	
		22		26			2		
363	9.498 360		9.521 058		0.478 942	9.977 303		637	
		23		25			3		
364	9.498 383		9.521 083		0.478 917	9.977 300		636	
		23		26			2		
365	9.498 406		9.521 109		0.478 891	9.977 298		635	
		23		25			3		
366	9.498 429		9.521 134		0.478 866	9.977 295		634	
		23		25			2		
367	9.498 452		9.521 159		0.478 841	9.977 293		633	
		23		26			3		
368	9.498 475		9.521 185		0.478 815	9.977 290		632	
		22		25			2		
369	9.498 497		9.521 210		0.478 790	9.977 288		631	
		23		25			3		
.370	9.498 520		9.521 235		0.478 765	9.977 285		.630	
		23		26			2		
371	9.498 543		9.521 261		0.478 739	9.977 283		629	
		23		25			3		
372	9.498 566		9.521 286		0.478 714	9.977 280		628	
		23		25			3		
373	9.498 589		9.521 311		0.478 689	9.977 277		627	
		23		26			2		
374	9.498 612		9.521 337		0.478 663	9.977 275		626	
		22		25			3		
375	9.498 634		9.521 362		0.478 638	9.977 272		625	
		23		25			2		
376	9.498 657		9.521 387		0.478 613	9.977 270		624	
		23		26			3		
377	9.498 680		9.521 413		0.478 587	9.977 267		623	
		23		25			2		
378	9.498 703		9.521 438		0.478 562	9.977 265		622	
		23		25			3		
379	9.498 726		9.521 463		0.478 537	9.977 262		621	
		22		26			2		
.380	9.498 748		9.521 489		0.478 511	9.977 260		.620	
		23		25			3		
381	9.498 771		9.521 514		0.478 486	9.977 257		619	
		23		25			2		
382	9.498 794		9.521 539		0.478 461	9.977 255		618	
		23		26			3		
383	9.498 817		9.521 565		0.478 435	9.977 252		617	
		23		25			2		
384	9.498 840		9.521 590		0.478 410	9.977 250		616	
		23		25			3		
385	9.498 863		9.521 615		0.478 385	9.977 247		615	
		22		26			2		
386	9.498 885		9.521 641		0.478 359	9.977 245		614	
		23		25			3		
387	9.498 908		9.521 666		0.478 334	9.977 242		613	
		23		25			2		
388	9.498 931		9.521 691		0.478 309	9.977 240		612	
		23		26			3		
389	9.498 954		9.521 717		0.478 283	9.977 237		611	
		23		25			2		
.390	9.498 977		9.521 742		0.478 258	9.977 235		.610	
		22		25			3		
391	9.498 999		9.521 767		0.478 233	9.977 232		609	
		23		26			2		
392	9.499 022		9.521 793		0.478 207	9.977 230		608	
		23		25			3		
393	9.499 045		9.521 818		0.478 182	9.977 227		607	
		23		25			2		
394	9.499 068		9.521 843		0.478 157	9.977 225		606	
		23		25			3		
395	9.499 091		9.521 868		0.478 132	9.977 222		605	
		22		26			2		
396	9.499 113		9.521 894		0.478 106	9.977 220		604	
		23		25			3		
397	9.499 136		9.521 919		0.478 081	9.977 217		603	
		23		25			2		
398	9.499 159		9.521 944		0.478 056	9.977 215		602	
		23		26			3		
399	9.499 182		9.521 970		0.478 030	9.977 212		601	
		22		25			3		
.400	9.499 204		9.521 995		0.478 005	9.977 209		.600	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

71°.650 — 71°.600

18°.400 — 18°.450

18°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.499 204		9.521 995		0.478 005	9.977 209		.600	
		23		25			2		
401	9.499 227		9.522 020		0.477 980	9.977 207		599	
402	9.499 250	23	9.522 046	26	0.477 954	9.977 204	3	598	
403	9.499 273	23	9.522 071	25	0.477 929	9.977 202	2	597	
		23		25			3		26
404	9.499 296		9.522 096		0.477 904	9.977 199		596	1 2.6
405	9.499 318	22	9.522 122	26	0.477 878	9.977 197	2	595	2 5.2
406	9.499 341	23	9.522 147	25	0.477 853	9.977 194	3	594	3 7.8
		23		25			2		4 10.4
407	9.499 364		9.522 172		0.477 828	9.977 192		593	5 13.0
408	9.499 387	23	9.522 197	25	0.477 803	9.977 189	3	592	6 15.6
409	9.499 409	22	9.522 223	26	0.477 777	9.977 187	2	591	7 18.2
		23		25			3		8 20.8
.410	9.499 432		9.522 248		0.477 752	9.977 184		.590	9 23.4
		23		25			2		
411	9.499 455		9.522 273		0.477 727	9.977 182		589	
412	9.499 478	23	9.522 299	26	0.477 701	9.977 179	3	588	
413	9.499 501	23	9.522 324	25	0.477 676	9.977 177	2	587	
		22		25			3		
414	9.499 523		9.522 349		0.477 651	9.977 174		586	
415	9.499 546	23	9.522 374	25	0.477 626	9.977 172	2	585	
416	9.499 569	23	9.522 400	26	0.477 600	9.977 169	3	584	25
		23		25			2		1 2.5
417	9.499 592		9.522 425		0.477 575	9.977 167		583	2 5.0
418	9.499 614	22	9.522 450	25	0.477 550	9.977 164	3	582	3 7.5
419	9.499 637	23	9.522 476	26	0.477 524	9.977 162	2	581	4 10.0
		23		25			3		5 12.5
.420	9.499 660		9.522 501		0.477 499	9.977 159		.580	6 15.0
		23		25			3		7 17.5
421	9.499 683		9.522 526		0.477 474	9.977 156		579	8 20.0
422	9.499 705	22	9.522 551	25	0.477 449	9.977 154	2	578	9 22.5
423	9.499 728	23	9.522 577	26	0.477 423	9.977 151	3	577	
		23		25			2		
424	9.499 751		9.522 602		0.477 398	9.977 149		576	
425	9.499 774	23	9.522 627	25	0.477 373	9.977 146	3	575	
426	9.499 796	22	9.522 653	26	0.477 347	9.977 144	2	574	
		23		25			3		23
427	9.499 819		9.522 678		0.477 322	9.977 141		573	1 2.3
428	9.499 842	23	9.522 703	25	0.477 297	9.977 139	2	572	2 4.6
429	9.499 865	23	9.522 728	25	0.477 272	9.977 136	3	571	3 6.9
		22		26			2		4 9.2
.430	9.499 887		9.522 754		0.477 246	9.977 134		.570	5 11.5
		23		25			3		6 13.8
431	9.499 910		9.522 779		0.477 221	9.977 131		569	7 16.1
432	9.499 933	23	9.522 804	25	0.477 196	9.977 129	2	568	8 18.4
433	9.499 956	23	9.522 830	26	0.477 170	9.977 126	3	567	9 20.7
		22		25			2		
434	9.499 978		9.522 855		0.477 145	9.977 124		566	
435	9.500 001	23	9.522 880	25	0.477 120	9.977 121	3	565	
436	9.500 024	23	9.522 905	25	0.477 095	9.977 119	2	564	
		23		26			3		
437	9.500 047		9.522 931		0.477 069	9.977 116		563	
438	9.500 069	22	9.522 956	25	0.477 044	9.977 114	2	562	
439	9.500 092	23	9.522 981	25	0.477 019	9.977 111	3	561	22
		23		25			3		
.440	9.500 115		9.523 006		0.476 994	9.977 108		.560	1 2.2
		23		26			2		2 4.4
441	9.500 138		9.523 032		0.476 968	9.977 106		559	3 6.6
442	9.500 160	22	9.523 057	25	0.476 943	9.977 103	3	558	4 8.8
443	9.500 183	23	9.523 082	25	0.476 918	9.977 101	2	557	5 11.0
		23		25			3		6 13.2
444	9.500 206		9.523 107		0.476 893	9.977 098		556	7 15.4
445	9.500 228	22	9.523 133	26	0.476 867	9.977 096	2	555	8 17.6
446	9.500 251	23	9.523 158	25	0.476 842	9.977 093	3	554	9 19.8
		23		25			2		
447	9.500 274		9.523 183		0.476 817	9.977 091		553	
448	9.500 297	23	9.523 208	25	0.476 792	9.977 088	3	552	
449	9.500 319	22	9.523 234	26	0.476 766	9.977 086	2	551	
		23		25			3		
.450	9.500 342		9.523 259		0.476 741	9.977 083		.550	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.600 — 71°.550

$18^\circ.450 - 18^\circ.500$

18°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.500 342		9.523 259		0.476 741	9.977 083		.550	
		23		25			2		
451	9.500 365		9.523 284		0.476 716	9.977 081		549	
452	9.500 388	23	9.523 309	25	0.476 691	9.977 078	3	548	
453	9.500 410	22	9.523 335	26	0.476 665	9.977 076	2	547	
		23		25			3		26
454	9.500 433		9.523 360		0.476 640	9.977 073		546	1 2.6
455	9.500 456	23	9.523 385	25	0.476 615	9.977 071	2	545	2 5.2
456	9.500 478	22	9.523 410	25	0.476 590	9.977 068	3	544	3 7.8
		23		26			2		4 10.4
457	9.500 501		9.523 436		0.476 564	9.977 066		543	5 13.0
458	9.500 524	23	9.523 461	25	0.476 539	9.977 063	3	542	6 15.6
459	9.500 547	23	9.523 486	25	0.476 514	9.977 060	3	541	7 18.2
		22		25			2		8 20.8
.460	9.500 569		9.523 511		0.476 489	9.977 058		.540	9 23.4
		23		26			3		
461	9.500 592		9.523 537		0.476 463	9.977 055		539	
462	9.500 615	23	9.523 562	25	0.476 438	9.977 053	2	538	
463	9.500 637	22	9.523 587	25	0.476 413	9.977 050	3	537	
		23		25			2		
464	9.500 660		9.523 612		0.476 388	9.977 048		536	
465	9.500 683	23	9.523 637	25	0.476 363	9.977 045	3	535	
466	9.500 705	22	9.523 663	26	0.476 337	9.977 043	2	534	25
		23		25			3		1 2.5
467	9.500 728		9.523 688		0.476 312	9.977 040		533	2 5.0
468	9.500 751	23	9.523 713	25	0.476 287	9.977 038	2	532	3 7.5
469	9.500 774	23	9.523 738	25	0.476 262	9.977 035	3	531	4 10.0
		22		26			2		5 12.5
.470	9.500 796		9.523 764		0.476 236	9.977 033		.530	6 15.0
		23		25			3		7 17.5
471	9.500 819		9.523 789		0.476 211	9.977 030		529	8 20.0
472	9.500 842	23	9.523 814	25	0.476 186	9.977 028	2	528	9 22.5
473	9.500 864	22	9.523 839	25	0.476 161	9.977 025	3	527	
		23		26			3		
474	9.500 887		9.523 865		0.476 135	9.977 022		526	
475	9.500 910	23	9.523 890	25	0.476 110	9.977 020	2	525	
476	9.500 932	22	9.523 915	25	0.476 085	9.977 017	3	524	
		23		25			2		23
477	9.500 955		9.523 940		0.476 060	9.977 015		523	1 2.3
478	9.500 978	23	9.523 965	25	0.476 035	9.977 012	3	522	2 4.6
479	9.501 000	22	9.523 991	26	0.476 009	9.977 010	2	521	3 6.9
		23		25			3		4 9.2
.480	9.501 023		9.524 016		0.475 984	9.977 007		.520	5 11.5
		23		25			2		6 13.8
481	9.501 046		9.524 041		0.475 959	9.977 005		519	7 16.1
482	9.501 068	22	9.524 066	25	0.475 934	9.977 002	3	518	8 18.4
483	9.501 091	23	9.524 091	25	0.475 909	9.977 000	2	517	9 20.7
		23		26			3		
484	9.501 114		9.524 117		0.475 883	9.976 997		516	
485	9.501 136	22	9.524 142	25	0.475 858	9.976 995	2	515	
486	9.501 159	23	9.524 167	25	0.475 833	9.976 992	3	514	
		23		25			2		
487	9.501 182		9.524 192		0.475 808	9.976 990		513	
488	9.501 205	23	9.524 217	25	0.475 783	9.976 987	3	512	
489	9.501 227	22	9.524 243	26	0.475 757	9.976 984	3	511	22
		23		25			2		
.490	9.501 250		9.524 268		0.475 732	9.976 982		.510	1 2.2
		23		25			3		2 4.4
491	9.501 273		9.524 293		0.475 707	9.976 979		509	3 6.6
492	9.501 295	22	9.524 318	25	0.475 682	9.976 977	2	508	4 8.8
493	9.501 318	23	9.524 344	26	0.475 656	9.976 974	3	507	5 11.0
		22		25			2		6 13.2
494	9.501 340		9.524 369		0.475 631	9.976 972		506	7 15.4
495	9.501 363	23	9.524 394	25	0.475 606	9.976 969	3	505	8 17.6
496	9.501 386	23	9.524 419	25	0.475 581	9.976 967	2	504	9 19.8
		22		25			3		
497	9.501 408		9.524 444		0.475 556	9.976 964		503	
498	9.501 431	23	9.524 469	25	0.475 531	9.976 962	2	502	
499	9.501 454	23	9.524 495	26	0.475 505	9.976 959	3	501	
		22		25			2		
.500	9.501 476		9.524 520		0.475 480	9.976 957		.500	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

$71^\circ.550 - 71^\circ.500$

$18^\circ.500 - 18^\circ.550$

18°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.501 476		9.524 520		0.475 480	9.976 957		.500	
		23		25			3		
501	9.501 499		9.524 545		0.475 455	9.976 954		499	
502	9.501 522	23	9.524 570	25	0.475 430	9.976 952	2	498	
503	9.501 544	22	9.524 595	25	0.475 405	9.976 949	3	497	
		23		26			3		26
504	9.501 567		9.524 621		0.475 379	9.976 946		496	1 2.6
505	9.501 590	23	9.524 646	25	0.475 354	9.976 944	2	495	2 5.2
506	9.501 612	22	9.524 671	25	0.475 329	9.976 941	3	494	3 7.8
		23		25			2		4 10.4
507	9.501 635		9.524 696		0.475 304	9.976 939		493	5 13.0
508	9.501 658	23	9.524 721	25	0.475 279	9.976 936	3	492	6 15.6
509	9.501 680	22	9.524 747	26	0.475 253	9.976 934	2	491	7 18.2
		23		25			3		8 20.8
.510	9.501 703		9.524 772		0.475 228	9.976 931		.490	9 23.4
		23		25			2		
511	9.501 726		9.524 797		0.475 203	9.976 929		489	
512	9.501 748	22	9.524 822	25	0.475 178	9.976 926	3	488	
513	9.501 771	23	9.524 847	25	0.475 153	9.976 924	2	487	
		22		25			3		
514	9.501 793		9.524 872		0.475 128	9.976 921		486	
515	9.501 816	23	9.524 898	26	0.475 102	9.976 919	2	485	
516	9.501 839	23	9.524 923	25	0.475 077	9.976 916	3	484	25
		22		25			3		
517	9.501 861		9.524 948		0.475 052	9.976 913		483	1 2.5
518	9.501 884	23	9.524 973	25	0.475 027	9.976 911	2	482	2 5.0
519	9.501 907	23	9.524 998	25	0.475 002	9.976 908	3	481	3 7.5
		22		25			2		4 10.0
.520	9.501 929		9.525 023		0.474 977	9.976 906		.480	5 12.5
		23		26			3		6 15.0
521	9.501 952		9.525 049		0.474 951	9.976 903		479	7 17.5
522	9.501 975	23	9.525 074	25	0.474 926	9.976 901	2	478	8 20.0
523	9.501 997	22	9.525 099	25	0.474 901	9.976 898	3	477	9 22.5
		23		25			2		
524	9.502 020		9.525 124		0.474 876	9.976 896		476	
525	9.502 042	22	9.525 149	25	0.474 851	9.976 893	3	475	
526	9.502 065	23	9.525 174	25	0.474 826	9.976 891	2	474	
		23		26			3		
527	9.502 088		9.525 200		0.474 800	9.976 888		473	23
528	9.502 110	22	9.525 225	25	0.474 775	9.976 886	2	472	
529	9.502 133	23	9.525 250	25	0.474 750	9.976 883	3	471	1 2.3
		22		25			3		2 4.6
.530	9.502 155		9.525 275		0.474 725	9.976 880		.470	3 6.9
		23		25			2		4 9.2
531	9.502 178		9.525 300		0.474 700	9.976 878		469	5 11.5
532	9.502 201	23	9.525 325	25	0.474 675	9.976 875	3	468	6 13.8
533	9.502 223	22	9.525 350	25	0.474 650	9.976 873	2	467	7 16.1
		23		26			3		8 18.4
534	9.502 246		9.525 376		0.474 624	9.976 870		466	9 20.7
535	9.502 269	23	9.525 401	25	0.474 599	9.976 868	2	465	
536	9.502 291	22	9.525 426	25	0.474 574	9.976 865	3	464	
		23		25			2		
537	9.502 314		9.525 451		0.474 549	9.976 863		463	22
538	9.502 336	22	9.525 476	25	0.474 524	9.976 860	3	462	
539	9.502 359	23	9.525 501	25	0.474 499	9.976 858	2	461	1 2.2
		23		26			3		2 4.4
.540	9.502 382		9.525 527		0.474 473	9.976 855		.460	3 6.6
		22		25			3		4 8.8
541	9.502 404		9.525 552		0.474 448	9.976 852		459	5 11.0
542	9.502 427	23	9.525 577	25	0.474 423	9.976 850	2	458	6 13.2
543	9.502 449	22	9.525 602	25	0.474 398	9.976 847	3	457	7 15.4
		23		25			2		8 17.6
544	9.502 472		9.525 627		0.474 373	9.976 845		456	9 19.8
545	9.502 495	23	9.525 652	25	0.474 348	9.976 842	3	455	
546	9.502 517	22	9.525 677	25	0.474 323	9.976 840	2	454	
		23		26			3		
547	9.502 540		9.525 703		0.474 297	9.976 837		453	
548	9.502 562	22	9.525 728	25	0.474 272	9.976 835	2	452	
549	9.502 585	23	9.525 753	25	0.474 247	9.976 832	3	451	
		22		25			2		
.550	9.502 607		9.525 778		0.474 222	9.976 830		.450	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

$71^\circ.500 - 71^\circ.450$

18°.550 — 18°.600

18°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.502 607		9.525 778		0.474 222	9.976 830		**.450**	
		23		25			3		
551	9.502 630		9.525 803		0.474 197	9.976 827		449	
552	9.502 653	23	9.525 828	25	0.474 172	9.976 825	2	448	
553	9.502 675	22	9.525 853	25	0.474 147	9.976 822	3	447	
		23		25			3		
554	9.502 698		9.525 878		0.474 122	9.976 819		446	
555	9.502 720	22	9.525 904	26	0.474 096	9.976 817	2	445	
556	9.502 743	23	9.525 929	25	0.474 071	9.976 814	3	444	
		23		25			2		
557	9.502 766		9.525 954		0.474 046	9.976 812		443	
558	9.502 788	22	9.525 979	25	0.474 021	9.976 809	3	442	
559	9.502 811	23	9.526 004	25	0.473 996	9.976 807	2	441	
		22		25			3		
.560	9.502 833		9.526 029		0.473 971	9.976 804		**.440**	
		23		25			2		
561	9.502 856		9.526 054		0.473 946	9.976 802		439	
562	9.502 878	22	9.526 079	25	0.473 921	9.976 799	3	438	
563	9.502 901	23	9.526 105	26	0.473 895	9.976 797	2	437	
		23		25			3		
564	9.502 924		9.526 130		0.473 870	9.976 794		436	
565	9.502 946	22	9.526 155	25	0.473 845	9.976 791	3	435	
566	9.502 969	23	9.526 180	25	0.473 820	9.976 789	2	434	
		22		25			3		
567	9.502 991		9.526 205		0.473 795	9.976 786		433	
568	9.503 014	23	9.526 230	25	0.473 770	9.976 784	2	432	
569	9.503 036	22	9.526 255	25	0.473 745	9.976 781	3	431	
		23		25			2		
.570	9.503 059		9.526 280		0.473 720	9.976 779		**.430**	
		23		25			3		
571	9.503 082		9.526 305		0.473 695	9.976 776		429	
572	9.503 104	22	9.526 331	26	0.473 669	9.976 774	2	428	
573	9.503 127	23	9.526 356	25	0.473 644	9.976 771	3	427	
		22		25			2		
574	9.503 149		9.526 381		0.473 619	9.976 769		426	
575	9.503 172	23	9.526 406	25	0.473 594	9.976 766	3	425	
576	9.503 194	22	9.526 431	25	0.473 569	9.976 763	3	424	
		23		25			2		
577	9.503 217		9.526 456		0.473 544	9.976 761		423	
578	9.503 239	22	9.526 481	25	0.473 519	9.976 758	3	422	
579	9.503 262	23	9.526 506	25	0.473 494	9.976 756	2	421	
		23		25			3		
.580	9.503 285		9.526 531		0.473 469	9.976 753		**.420**	
		22		25			2		
581	9.503 307		9.526 556		0.473 444	9.976 751		419	
582	9.503 330	23	9.526 582	26	0.473 418	9.976 748	3	418	
583	9.503 352	22	9.526 607	25	0.473 393	9.976 746	2	417	
		23		25			3		
584	9.503 375		9.526 632		0.473 368	9.976 743		416	
585	9.503 397	22	9.526 657	25	0.473 343	9.976 740	3	415	
586	9.503 420	23	9.526 682	25	0.473 318	9.976 738	2	414	
		22		25			3		
587	9.503 442		9.526 707		0.473 293	9.976 735		413	
588	9.503 465	23	9.526 732	25	0.473 268	9.976 733	2	412	
589	9.503 487	22	9.526 757	25	0.473 243	9.976 730	3	411	
		23		25			2		
.590	9.503 510		9.526 782		0.473 218	9.976 728		**.410**	
		23		25			3		
591	9.503 533		9.526 807		0.473 193	9.976 725		409	
592	9.503 555	22	9.526 832	25	0.473 168	9.976 723	2	408	
593	9.503 578	23	9.526 858	26	0.473 142	9.976 720	3	407	
		22		25			2		
594	9.503 600		9.526 883		0.473 117	9.976 718		406	
595	9.503 623	23	9.526 908	25	0.473 092	9.976 715	3	405	
596	9.503 645	22	9.526 933	25	0.473 067	9.976 712	3	404	
		23		25			2		
597	9.503 668		9.526 958		0.473 042	9.976 710		403	
598	9.503 690	22	9.526 983	25	0.473 017	9.976 707	3	402	
599	9.503 713	23	9.527 008	25	0.472 992	9.976 705	2	401	
		22		25			3		
.600	9.503 735		9.527 033		0.472 967	9.976 702		**.400**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

71°.450 — 71°.400

18°.600 — 18°.650

18°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.503 735		9.527 033		0.472 967	9.976 702		**.400**	
		23		25			2		
601	9.503 758		9.527 058		0.472 942	9.976 700		399	
602	9.503 780	22	9.527 083	25	0.472 917	9.976 697	3	398	
603	9.503 803	23	9.527 108	25	0.472 892	9.976 695	2	397	
		22		25			3		
604	9.503 825		9.527 133		0.472 867	9.976 692		396	
605	9.503 848	23	9.527 158	25	0.472 842	9.976 689	3	395	
606	9.503 870	22	9.527 183	25	0.472 817	9.976 687	2	394	
		23		26			3		
607	9.503 893		9.527 209		0.472 791	9.976 684		393	
608	9.503 915	22	9.527 234	25	0.472 766	9.976 682	2	392	
609	9.503 938	23	9.527 259	25	0.472 741	9.976 679	3	391	
		22		25			2		
.610	9.503 960		9.527 284		0.472 716	9.976 677		**.390**	
		23		25			3		
611	9.503 983		9.527 309		0.472 691	9.976 674		389	
612	9.504 005	22	9.527 334	25	0.472 666	9.976 672	2	388	
613	9.504 028	23	9.527 359	25	0.472 641	9.976 669	3	387	
		22		25			2		
614	9.504 050		9.527 384		0.472 616	9.976 667		386	
615	9.504 073	23	9.527 409	25	0.472 591	9.976 664	3	385	
616	9.504 095	22	9.527 434	25	0.472 566	9.976 661	3	384	
		23		25			2		
617	9.504 118		9.527 459		0.472 541	9.976 659		383	
618	9.504 140	22	9.527 484	25	0.472 516	9.976 656	3	382	
619	9.504 163	23	9.527 509	25	0.472 491	9.976 654	2	381	
		22		25			3		
.620	9.504 185		9.527 534		0.472 466	9.976 651		**.380**	
		23		25			2		
621	9.504 208		9.527 559		0.472 441	9.976 649		379	
622	9.504 230	22	9.527 584	25	0.472 416	9.976 646	3	378	
623	9.504 253	23	9.527 609	25	0.472 391	9.976 644	2	377	
		22		25			3		
624	9.504 275		9.527 634		0.472 366	9.976 641		376	
625	9.504 298	23	9.527 660	26	0.472 340	9.976 638	3	375	
626	9.504 320	22	9.527 685	25	0.472 315	9.976 636	2	374	
		23		25			3		
627	9.504 343		9.527 710		0.472 290	9.976 633		373	
628	9.504 365	22	9.527 735	25	0.472 265	9.976 631	2	372	
629	9.504 388	23	9.527 760	25	0.472 240	9.976 628	3	371	
		22		25			2		
.630	9.504 410		9.527 785		0.472 215	9.976 626		**.370**	
		23		25			3		
631	9.504 433		9.527 810		0.472 190	9.976 623		369	
632	9.504 455	22	9.527 835	25	0.472 165	9.976 621	2	368	
633	9.504 478	23	9.527 860	25	0.472 140	9.976 618	3	367	
		22		25			3		
634	9.504 500		9.527 885		0.472 115	9.976 615		366	
635	9.504 523	23	9.527 910	25	0.472 090	9.976 613	2	365	
636	9.504 545	22	9.527 935	25	0.472 065	9.976 610	3	364	
		23		25			2		
637	9.504 568		9.527 960		0.472 040	9.976 608		363	
638	9.504 590	22	9.527 985	25	0.472 015	9.976 605	3	362	
639	9.504 613	23	9.528 010	25	0.471 990	9.976 603	2	361	
		22		25			3		
.640	9.504 635		9.528 035		0.471 965	9.976 600		**.360**	
		23		25			2		
641	9.504 658		9.528 060		0.471 940	9.976 598		359	
642	9.504 680	22	9.528 085	25	0.471 915	9.976 595	3	358	
643	9.504 703	23	9.528 110	25	0.471 890	9.976 592	3	357	
		22		25			2		
644	9.504 725		9.528 135		0.471 865	9.976 590		356	
645	9.504 748	23	9.528 160	25	0.471 840	9.976 587	3	355	
646	9.504 770	22	9.528 185	25	0.471 815	9.976 585	2	354	
		22		25			3		
647	9.504 792		9.528 210		0.471 790	9.976 582		353	
648	9.504 815	23	9.528 235	25	0.471 765	9.976 580	2	352	
649	9.504 837	22	9.528 260	25	0.471 740	9.976 577	3	351	
		23		25			3		
.650	9.504 860		9.528 285		0.471 715	9.976 574		**.350**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

71°.400 — 71°.350

18°.650 — 18°.700

18°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.504 860		9.528 285		0.471 715	9.976 574		.350	
		22		25			2		
651	9.504 882		9.528 310		0.471 690	9.976 572		349	
		23		25			3		
652	9.504 905		9.528 335		0.471 665	9.976 569		348	
		22		25			2		
653	9.504 927		9.528 360		0.471 640	9.976 567		347	
		23		25			3		
654	9.504 950		9.528 385		0.471 615	9.976 564		346	
		22		25			2		
655	9.504 972		9.528 410		0.471 590	9.976 562		345	
		23		25			3		
656	9.504 995		9.528 435		0.471 565	9.976 559		344	
		22		25			2		
657	9.505 017		9.528 460		0.471 540	9.976 557		343	
		22		25			3		
658	9.505 039		9.528 485		0.471 515	9.976 554		342	
		23		25			3		
659	9.505 062		9.528 510		0.471 490	9.976 551		341	
		22		25			2		
.660	9.505 084		9.528 535		0.471 465	9.976 549		.340	
		23		25			3		
661	9.505 107		9.528 560		0.471 440	9.976 546		339	
		22		25			2		
662	9.505 129		9.528 585		0.471 415	9.976 544		338	
		23		25			3		
663	9.505 152		9.528 610		0.471 390	9.976 541		337	
		22		25			2		
664	9.505 174		9.528 635		0.471 365	9.976 539		336	
		23		25			3		
665	9.505 197		9.528 660		0.471 340	9.976 536		335	
		22		25			2		
666	9.505 219		9.528 685		0.471 315	9.976 534		334	
		22		25			3		
667	9.505 241		9.528 710		0.471 290	9.976 531		333	
		23		25			3		
668	9.505 264		9.528 735		0.471 265	9.976 528		332	
		22		25			2		
669	9.505 286		9.528 760		0.471 240	9.976 526		331	
		23		25			3		
.670	9.505 309		9.528 785		0.471 215	9.976 523		.330	
		22		25			2		
671	9.505 331		9.528 810		0.471 190	9.976 521		329	
		23		25			3		
672	9.505 354		9.528 835		0.471 165	9.976 518		328	
		22		25			2		
673	9.505 376		9.528 860		0.471 140	9.976 516		327	
		22		25			3		
674	9.505 398		9.528 885		0.471 115	9.976 513		326	
		23		25			3		
675	9.505 421		9.528 910		0.471 090	9.976 510		325	
		22		25			2		
676	9.505 443		9.528 935		0.471 065	9.976 508		324	
		23		25			3		
677	9.505 466		9.528 960		0.471 040	9.976 505		323	
		22		25			2		
678	9.505 488		9.528 985		0.471 015	9.976 503		322	
		23		25			3		
679	9.505 511		9.529 010		0.470 990	9.976 500		321	
		22		25			2		
.680	9.505 533		9.529 035		0.470 965	9.976 498		.320	
		22		25			3		
681	9.505 555		9.529 060		0.470 940	9.976 495		319	
		23		25			2		
682	9.505 578		9.529 085		0.470 915	9.976 493		318	
		22		25			3		
683	9.505 600		9.529 110		0.470 890	9.976 490		317	
		23		25			3		
684	9.505 623		9.529 135		0.470 865	9.976 487		316	
		22		25			2		
685	9.505 645		9.529 160		0.470 840	9.976 485		315	
		22		25			3		
686	9.505 667		9.529 185		0.470 815	9.976 482		314	
		23		25			2		
687	9.505 690		9.529 210		0.470 790	9.976 480		313	
		22		25			3		
688	9.505 712		9.529 235		0.470 765	9.976 477		312	
		23		25			2		
689	9.505 735		9.529 260		0.470 740	9.976 475		311	
		22		25			3		
.690	9.505 757		9.529 285		0.470 715	9.976 472		.310	
		23		25			3		
691	9.505 780		9.529 310		0.470 690	9.976 469		309	
		22		25			2		
692	9.505 802		9.529 335		0.470 665	9.976 467		308	
		22		25			3		
693	9.505 824		9.529 360		0.470 640	9.976 464		307	
		23		25			2		
694	9.505 847		9.529 385		0.470 615	9.976 462		306	
		22		25			3		
695	9.505 869		9.529 410		0.470 590	9.976 459		305	
		23		25			2		
696	9.505 892		9.529 435		0.470 565	9.976 457		304	
		22		25			3		
697	9.505 914		9.529 460		0.470 540	9.976 454		303	
		22		25			2		
698	9.505 936		9.529 485		0.470 515	9.976 452		302	
		23		25			3		
699	9.505 959		9.529 510		0.470 490	9.976 449		301	
		22		25			3		
.700	9.505 981		9.529 535		0.470 465	9.976 446		.300	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

71°.350 — 71°.300

18°.700 — 18°.750

18°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.505 981		9.529 535		0.470 465	9.976 446		**.300**	
		23		25			2		
701	9.506 004		9.529 560		0.470 440	9.976 444		299	
702	9.506 026	22	9.529 585	25	0.470 415	9.976 441	3	298	
703	9.506 048	22	9.529 610	25	0.470 390	9.976 439	2	297	
		23		25			3		25
704	9.506 071		9.529 635		0.470 365	9.976 436		296	1 2.5
705	9.506 093	22	9.529 659	24	0.470 341	9.976 434	2	295	2 5.0
706	9.506 115	22	9.529 684	25	0.470 316	9.976 431	3	294	3 7.5
		23		25			3		4 10.0
707	9.506 138		9.529 709		0.470 291	9.976 428		293	5 12.5
708	9.506 160	22	9.529 734	25	0.470 266	9.976 426	2	292	6 15.0
709	9.506 183	23	9.529 759	25	0.470 241	9.976 423	3	291	7 17.5
		22		25			2		8 20.0
.710	9.506 205		9.529 784		0.470 216	9.976 421		**.290**	9 22.5
		22		25			3		
711	9.506 227		9.529 809		0.470 191	9.976 418		289	
712	9.506 250	23	9.529 834	25	0.470 166	9.976 416	2	288	
713	9.506 272	22	9.529 859	25	0.470 141	9.976 413	3	287	
		23		25			3		
714	9.506 295		9.529 884		0.470 116	9.976 410		286	
715	9.506 317	22	9.529 909	25	0.470 091	9.976 408	2	285	
716	9.506 339	22	9.529 934	25	0.470 066	9.976 405	3	284	24
		23		25			2		
717	9.506 362		9.529 959		0.470 041	9.976 403		283	1 2.4
718	9.506 384	22	9.529 984	25	0.470 016	9.976 400	3	282	2 4.8
719	9.506 406	22	9.530 009	25	0.469 991	9.976 398	2	281	3 7.2
		23		25			3		4 9.6
.720	9.506 429		9.530 034		0.469 966	9.976 395		**.280**	5 12.0
		22		25			3		6 14.4
721	9.506 451		9.530 059		0.469 941	9.976 392		279	7 16.8
722	9.506 473	22	9.530 084	25	0.469 916	9.976 390	2	278	8 19.2
723	9.506 496	23	9.530 108	24	0.469 892	9.976 387	3	277	9 21.6
		22		25			2		
724	9.506 518		9.530 133		0.469 867	9.976 385		276	
725	9.506 541	23	9.530 158	25	0.469 842	9.976 382	3	275	
726	9.506 563	22	9.530 183	25	0.469 817	9.976 380	2	274	
		22		25			3		
727	9.506 585		9.530 208		0.469 792	9.976 377		273	23
728	9.506 608	23	9.530 233	25	0.469 767	9.976 375	2	272	
729	9.506 630	22	9.530 258	25	0.469 742	9.976 372	3	271	1 2.3
		22		25			3		2 4.6
.730	9.506 652		9.530 283		0.469 717	9.976 369		**.270**	3 6.9
		23		25			2		4 9.2
731	9.506 675		9.530 308		0.469 692	9.976 367		269	5 11.5
732	9.506 697	22	9.530 333	25	0.469 667	9.976 364	3	268	6 13.8
733	9.506 719	22	9.530 358	25	0.469 642	9.976 362	2	267	7 16.1
		23		25			3		8 18.4
734	9.506 742		9.530 383		0.469 617	9.976 359		266	9 20.7
735	9.506 764	22	9.530 408	25	0.469 592	9.976 357	2	265	
736	9.506 786	22	9.530 433	25	0.469 567	9.976 354	3	264	
		23		24			3		
737	9.506 809		9.530 457		0.469 543	9.976 351		263	
738	9.506 831	22	9.530 482	25	0.469 518	9.976 349	2	262	
739	9.506 853	22	9.530 507	25	0.469 493	9.976 346	3	261	22
		23		25			2		
.740	9.506 876		9.530 532		0.469 468	9.976 344		**.260**	1 2.2
		22		25			3		2 4.4
741	9.506 898		9.530 557		0.469 443	9.976 341		259	3 6.6
742	9.506 921	23	9.530 582	25	0.469 418	9.976 339	2	258	4 8.8
743	9.506 943	22	9.530 607	25	0.469 393	9.976 336	3	257	5 11.0
		22		25			3		6 13.2
744	9.506 965		9.530 632		0.469 368	9.976 333		256	7 15.4
745	9.506 988	23	9.530 657	25	0.469 343	9.976 331	2	255	8 17.6
746	9.507 010	22	9.530 682	25	0.469 318	9.976 328	3	254	9 19.8
		22		25			2		
747	9.507 032		9.530 707		0.469 293	9.976 326		253	
748	9.507 055	23	9.530 731	24	0.469 269	9.976 323	3	252	
749	9.507 077	22	9.530 756	25	0.469 244	9.976 321	2	251	
		22		25			3		
.750	9.507 099		9.530 781		0.469 219	9.976 318		**.250**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

71°.300 — 71°.250

18°.750 — 18°.800

18°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.507 099		9.530 781		0.469 219	9.976 318		**.250**	
		23		25			3		
751	9.507 122		9.530 806		0.469 194	9.976 315		249	
		22		25			2		
752	9.507 144		9.530 831		0.469 169	9.976 313		248	
		22		25			3		
753	9.507 166		9.530 856		0.469 144	9.976 310		247	
		23		25			2		
754	9.507 189		9.530 881		0.469 119	9.976 308		246	
		22		25			3		
755	9.507 211		9.530 906		0.469 094	9.976 305		245	
		22		25			3		
756	9.507 233		9.530 931		0.469 069	9.976 302		244	
		22		25			2		
757	9.507 255		9.530 956		0.469 044	9.976 300		243	
		23		24			3		
758	9.507 278		9.530 980		0.469 020	9.976 297		242	
		22		25			2		
759	9.507 300		9.531 005		0.468 995	9.976 295		241	
		22		25			3		
.760	9.507 322		9.531 030		0.468 970	9.976 292		**.240**	
		23		25			2		
761	9.507 345		9.531 055		0.468 945	9.976 290		239	
		22		25			3		
762	9.507 367		9.531 080		0.468 920	9.976 287		238	
		22		25			3		
763	9.507 389		9.531 105		0.468 895	9.976 284		237	
		23		25			2		
764	9.507 412		9.531 130		0.468 870	9.976 282		236	
		22		25			3		
765	9.507 434		9.531 155		0.468 845	9.976 279		235	
		22		25			2		
766	9.507 456		9.531 180		0.468 820	9.976 277		234	
		23		24			3		
767	9.507 479		9.531 204		0.468 796	9.976 274		233	
		22		25			2		
768	9.507 501		9.531 229		0.468 771	9.976 272		232	
		22		25			3		
769	9.507 523		9.531 254		0.468 746	9.976 269		231	
		23		25			3		
.770	9.507 546		9.531 279		0.468 721	9.976 266		**.230**	
		22		25			2		
771	9.507 568		9.531 304		0.468 696	9.976 264		229	
		22		25			3		
772	9.507 590		9.531 329		0.468 671	9.976 261		228	
		22		25			2		
773	9.507 612		9.531 354		0.468 646	9.976 259		227	
		23		25			3		
774	9.507 635		9.531 379		0.468 621	9.976 256		226	
		22		24			2		
775	9.507 657		9.531 403		0.468 597	9.976 254		225	
		22		25			3		
776	9.507 679		9.531 428		0.468 572	9.976 251		224	
		23		25			3		
777	9.507 702		9.531 453		0.468 547	9.976 248		223	
		22		25			2		
778	9.507 724		9.531 478		0.468 522	9.976 246		222	
		22		25			3		
779	9.507 746		9.531 503		0.468 497	9.976 243		221	
		23		25			2		
.780	9.507 769		9.531 528		0.468 472	9.976 241		**.220**	
		22		25			3		
781	9.507 791		9.531 553		0.468 447	9.976 238		219	
		22		25			2		
782	9.507 813		9.531 578		0.468 422	9.976 236		218	
		22		24			3		
783	9.507 835		9.531 602		0.468 398	9.976 233		217	
		23		25			3		
784	9.507 858		9.531 627		0.468 373	9.976 230		216	
		22		25			2		
785	9.507 880		9.531 652		0.468 348	9.976 228		215	
		22		25			3		
786	9.507 902		9.531 677		0.468 323	9.976 225		214	
		23		25			2		
787	9.507 925		9.531 702		0.468 298	9.976 223		213	
		22		25			3		
788	9.507 947		9.531 727		0.468 273	9.976 220		212	
		22		25			3		
789	9.507 969		9.531 752		0.468 248	9.976 217		211	
		22		24			2		
.790	9.507 991		9.531 776		0.468 224	9.976 215		**.210**	
		23		25			3		
791	9.508 014		9.531 801		0.468 199	9.976 212		209	
		22		25			2		
792	9.508 036		9.531 826		0.468 174	9.976 210		208	
		22		25			3		
793	9.508 058		9.531 851		0.468 149	9.976 207		207	
		22		25			2		
794	9.508 080		9.531 876		0.468 124	9.976 205		206	
		23		25			3		
795	9.508 103		9.531 901		0.468 099	9.976 202		205	
		22		25			3		
796	9.508 125		9.531 926		0.468 074	9.976 199		204	
		22		24			2		
797	9.508 147		9.531 950		0.468 050	9.976 197		203	
		23		25			3		
798	9.508 170		9.531 975		0.468 025	9.976 194		202	
		22		25			2		
799	9.508 192		9.532 000		0.468 000	9.976 192		201	
		22		25			3		
.800	9.508 214		9.532 025		0.467 975	9.976 189		**.200**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

71°.250 — 71°.200

18°.800 — 18°.850

18°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.508 214		9.532 025		0.467 975	9.976 189		**.200**	
		22		25			2		
801	9.508 236		9.532 050		0.467 950	9.976 187		199	
		23		25			3		
802	9.508 259		9.532 075		0.467 925	9.976 184		198	
		22		25			3		
803	9.508 281		9.532 100		0.467 900	9.976 181		197	
		22		24			2		
804	9.508 303		9.532 124		0.467 876	9.976 179		196	
		22		25			3		
805	9.508 325		9.532 149		0.467 851	9.976 176		195	
		23		25			2		
806	9.508 348		9.532 174		0.467 826	9.976 174		194	
		22		25			3		
807	9.508 370		9.532 199		0.467 801	9.976 171		193	
		22		25			3		
808	9.508 392		9.532 224		0.467 776	9.976 168		192	
		22		25			2		
809	9.508 414		9.532 249		0.467 751	9.976 166		191	
		23		24			3		
.810	9.508 437		9.532 273		0.467 727	9.976 163		**.190**	
		22		25			2		
811	9.508 459		9.532 298		0.467 702	9.976 161		189	
		22		25			3		
812	9.508 481		9.532 323		0.467 677	9.976 158		188	
		22		25			2		
813	9.508 503		9.532 348		0.467 652	9.976 156		187	
		23		25			3		
814	9.508 526		9.532 373		0.467 627	9.976 153		186	
		22		25			3		
815	9.508 548		9.532 398		0.467 602	9.976 150		185	
		22		24			2		
816	9.508 570		9.532 422		0.467 578	9.976 148		184	
		22		25			3		
817	9.508 592		9.532 447		0.467 553	9.976 145		183	
		23		25			2		
818	9.508 615		9.532 472		0.467 528	9.976 143		182	
		22		25			3		
819	9.508 637		9.532 497		0.467 503	9.976 140		181	
		22		25			3		
.820	9.508 659		9.532 522		0.467 478	9.976 137		**.180**	
		22		24			2		
821	9.508 681		9.532 546		0.467 454	9.976 135		179	
		23		25			3		
822	9.508 704		9.532 571		0.467 429	9.976 132		178	
		22		25			2		
823	9.508 726		9.532 596		0.467 404	9.976 130		177	
		22		25			3		
824	9.508 748		9.532 621		0.467 379	9.976 127		176	
		22		25			2		
825	9.508 770		9.532 646		0.467 354	9.976 125		175	
		23		25			3		
826	9.508 793		9.532 671		0.467 329	9.976 122		174	
		22		24			3		
827	9.508 815		9.532 695		0.467 305	9.976 119		173	
		22		25			2		
828	9.508 837		9.532 720		0.467 280	9.976 117		172	
		22		25			3		
829	9.508 859		9.532 745		0.467 255	9.976 114		171	
		22		25			2		
.830	9.508 881		9.532 770		0.467 230	9.976 112		**.170**	
		23		25			3		
831	9.508 904		9.532 795		0.467 205	9.976 109		169	
		22		24			3		
832	9.508 926		9.532 819		0.467 181	9.976 106		168	
		22		25			2		
833	9.508 948		9.532 844		0.467 156	9.976 104		167	
		22		25			3		
834	9.508 970		9.532 869		0.467 131	9.976 101		166	
		23		25			2		
835	9.508 993		9.532 894		0.467 106	9.976 099		165	
		22		25			3		
836	9.509 015		9.532 919		0.467 081	9.976 096		164	
		22		25			2		
837	9.509 037		9.532 944		0.467 056	9.976 094		163	
		22		24			3		
838	9.509 059		9.532 968		0.467 032	9.976 091		162	
		22		25			3		
839	9.509 081		9.532 993		0.467 007	9.976 088		161	
		23		25			2		
.840	9.509 104		9.533 018		0.466 982	9.976 086		**.160**	
		22		25			3		
841	9.509 126		9.533 043		0.466 957	9.976 083		159	
		22		25			2		
842	9.509 148		9.533 068		0.466 932	9.976 081		158	
		22		24			3		
843	9.509 170		9.533 092		0.466 908	9.976 078		157	
		23		25			3		
844	9.509 193		9.533 117		0.466 883	9.976 075		156	
		22		25			2		
845	9.509 215		9.533 142		0.466 858	9.976 073		155	
		22		25			3		
846	9.509 237		9.533 167		0.466 833	9.976 070		154	
		22		25			2		
847	9.509 259		9.533 192		0.466 808	9.976 068		153	
		22		24			3		
848	9.509 281		9.533 216		0.466 784	9.976 065		152	
		23		25			3		
849	9.509 304		9.533 241		0.466 759	9.976 062		151	
		22		25			2		
.850	9.509 326		9.533 266		0.466 734	9.976 060		**.150**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

71°.200 — 71°.150

18°.850 — 18°.900

18°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.509 326		9.533 266		0.466 734	9.976 060		.150	
		22		25			3		
851	9.509 348		9.533 291		0.466 709	9.976 057		149	
852	9.509 370	22	9.533 315	24	0.466 685	9.976 055	2	148	
853	9.509 392	22	9.533 340	25	0.466 660	9.976 052	3	147	
		23		25			2		25
854	9.509 415		9.533 365		0.466 635	9.976 050		146	1 2.5
855	9.509 437	22	9.533 390	25	0.466 610	9.976 047	3	145	2 5.0
856	9.509 459	22	9.533 415	25	0.466 585	9.976 044	3	144	3 7.5
		22		24			2		4 10.0
857	9.509 481		9.533 439		0.466 561	9.976 042		143	5 12.5
858	9.509 503	22	9.533 464	25	0.466 536	9.976 039	3	142	6 15.0
859	9.509 526	23	9.533 489	25	0.466 511	9.976 037	2	141	7 17.5
		22		25			3		8 20.0
.860	9.509 548		9.533 514		0.466 486	9.976 034		.140	9 22.5
		22		25			3		
861	9.509 570		9.533 539		0.466 461	9.976 031		139	
862	9.509 592	22	9.533 563	24	0.466 437	9.976 029	2	138	
863	9.509 614	22	9.533 588	25	0.466 412	9.976 026	3	137	
		22		25			2		
864	9.509 636		9.533 613		0.466 387	9.976 024		136	
865	9.509 659	23	9.533 638	25	0.466 362	9.976 021	3	135	
866	9.509 681	22	9.533 662	24	0.466 338	9.976 018	3	134	24
		22		25			2		1 2.4
867	9.509 703		9.533 687		0.466 313	9.976 016		133	2 4.8
868	9.509 725	22	9.533 712	25	0.466 288	9.976 013	3	132	3 7.2
869	9.509 747	22	9.533 737	25	0.466 263	9.976 011	2	131	4 9.6
		23		24			3		5 12.0
.870	9.509 770		9.533 761		0.466 239	9.976 008		.130	6 14.4
		22		25			2		7 16.8
871	9.509 792		9.533 786		0.466 214	9.976 006		129	8 19.2
872	9.509 814	22	9.533 811	25	0.466 189	9.976 003	3	128	9 21.6
873	9.509 836	22	9.533 836	25	0.466 164	9.976 000	3	127	
		22		25			2		
874	9.509 858		9.533 861		0.466 139	9.975 998		126	
875	9.509 880	22	9.533 885	24	0.466 115	9.975 995	3	125	
876	9.509 903	23	9.533 910	25	0.466 090	9.975 993	2	124	
		22		25			3		
877	9.509 925		9.533 935		0.466 065	9.975 990		123	23
878	9.509 947	22	9.533 960	25	0.466 040	9.975 987	3	122	
879	9.509 969	22	9.533 984	24	0.466 016	9.975 985	2	121	1 2.3
		22		25			3		2 4.6
.880	9.509 991		9.534 009		0.465 991	9.975 982		.120	3 6.9
		22		25			2		4 9.2
881	9.510 013		9.534 034		0.465 966	9.975 980		119	5 11.5
882	9.510 036	23	9.534 059	25	0.465 941	9.975 977	3	118	6 13.8
883	9.510 058	22	9.534 083	24	0.465 917	9.975 974	3	117	7 16.1
		22		25			2		8 18.4
884	9.510 080		9.534 108		0.465 892	9.975 972		116	9 20.7
885	9.510 102	22	9.534 133	25	0.465 867	9.975 969	3	115	
886	9.510 124	22	9.534 158	25	0.465 842	9.975 967	2	114	
		22		24			3		
887	9.510 146		9.534 182		0.465 818	9.975 964		113	
888	9.510 169	23	9.534 207	25	0.465 793	9.975 961	3	112	
889	9.510 191	22	9.534 232	25	0.465 768	9.975 959	2	111	22
		22		25			3		
.890	9.510 213		9.534 257		0.465 743	9.975 956		.110	1 2.2
		22		24			2		2 4.4
891	9.510 235		9.534 281		0.465 719	9.975 954		109	3 6.6
892	9.510 257	22	9.534 306	25	0.465 694	9.975 951	3	108	4 8.8
893	9.510 279	22	9.534 331	25	0.465 669	9.975 948	3	107	5 11.0
		22		25			2		6 13.2
894	9.510 301		9.534 356		0.465 644	9.975 946		106	7 15.4
895	9.510 324	23	9.534 380	24	0.465 620	9.975 943	3	105	8 17.6
896	9.510 346	22	9.534 405	25	0.465 595	9.975 941	2	104	9 19.8
		22		25			3		
897	9.510 368		9.534 430		0.465 570	9.975 938		103	
898	9.510 390	22	9.534 455	25	0.465 545	9.975 936	2	102	
899	9.510 412	22	9.534 479	24	0.465 521	9.975 933	3	101	
		22		25			3		
.900	9.510 434		9.534 504		0.465 496	9.975 930		.100	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.150 — 71°.100

18°.900 — 18°.950

18°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.510 434		9.534 504		0.465 496	9.975 930		.100	
		22		25			2		
901	9.510 456		9.534 529		0.465 471	9.975 928		099	
		23		24			3		
902	9.510 479		9.534 553		0.465 447	9.975 925		098	
		22		25			2		
903	9.510 501		9.534 578		0.465 422	9.975 923		097	
		22		25			3		
904	9.510 523		9.534 603		0.465 397	9.975 920		096	
		22		25			3		
905	9.510 545		9.534 628		0.465 372	9.975 917		095	
		22		24			2		
906	9.510 567		9.534 652		0.465 348	9.975 915		094	
		22		25			3		
907	9.510 589		9.534 677		0.465 323	9.975 912		093	
		22		25			2		
908	9.510 611		9.534 702		0.465 298	9.975 910		092	
		23		25			3		
909	9.510 634		9.534 727		0.465 273	9.975 907		091	
		22		24			3		
.910	9.510 656		9.534 751		0.465 249	9.975 904		.090	
		22		25			2		
911	9.510 678		9.534 776		0.465 224	9.975 902		089	
		22		25			3		
912	9.510 700		9.534 801		0.465 199	9.975 899		088	
		22		24			2		
913	9.510 722		9.534 825		0.465 175	9.975 897		087	
		22		25			3		
914	9.510 744		9.534 850		0.465 150	9.975 894		086	
		22		25			3		
915	9.510 766		9.534 875		0.465 125	9.975 891		085	
		22		25			2		
916	9.510 788		9.534 900		0.465 100	9.975 889		084	
		22		24			3		
917	9.510 810		9.534 924		0.465 076	9.975 886		083	
		23		25			2		
918	9.510 833		9.534 949		0.465 051	9.975 884		082	
		22		25			3		
919	9.510 855		9.534 974		0.465 026	9.975 881		081	
		22		24			3		
.920	9.510 877		9.534 998		0.465 002	9.975 878		.080	
		22		25			2		
921	9.510 899		9.535 023		0.464 977	9.975 876		079	
		22		25			3		
922	9.510 921		9.535 048		0.464 952	9.975 873		078	
		22		25			2		
923	9.510 943		9.535 073		0.464 927	9.975 871		077	
		22		24			3		
924	9.510 965		9.535 097		0.464 903	9.975 868		076	
		22		25			3		
925	9.510 987		9.535 122		0.464 878	9.975 865		075	
		22		25			2		
926	9.511 009		9.535 147		0.464 853	9.975 863		074	
		23		24			3		
927	9.511 032		9.535 171		0.464 829	9.975 860		073	
		22		25			2		
928	9.511 054		9.535 196		0.464 804	9.975 858		072	
		22		25			3		
929	9.511 076		9.535 221		0.464 779	9.975 855		071	
		22		25			3		
.930	9.511 098		9.535 246		0.464 754	9.975 852		.070	
		22		24			2		
931	9.511 120		9.535 270		0.464 730	9.975 850		069	
		22		25			3		
932	9.511 142		9.535 295		0.464 705	9.975 847		068	
		22		25			2		
933	9.511 164		9.535 320		0.464 680	9.975 845		067	
		22		24			3		
934	9.511 186		9.535 344		0.464 656	9.975 842		066	
		22		25			3		
935	9.511 208		9.535 369		0.464 631	9.975 839		065	
		22		25			2		
936	9.511 230		9.535 394		0.464 606	9.975 837		064	
		23		24			3		
937	9.511 253		9.535 418		0.464 582	9.975 834		063	
		22		25			2		
938	9.511 275		9.535 443		0.464 557	9.975 832		062	
		22		25			3		
939	9.511 297		9.535 468		0.464 532	9.975 829		061	
		22		24			3		
.940	9.511 319		9.535 492		0.464 508	9.975 826		.060	
		22		25			2		
941	9.511 341		9.535 517		0.464 483	9.975 824		059	
		22		25			3		
942	9.511 363		9.535 542		0.464 458	9.975 821		058	
		22		25			2		
943	9.511 385		9.535 567		0.464 433	9.975 819		057	
		22		24			3		
944	9.511 407		9.535 591		0.464 409	9.975 816		056	
		22		25			3		
945	9.511 429		9.535 616		0.464 384	9.975 813		055	
		22		25			2		
946	9.511 451		9.535 641		0.464 359	9.975 811		054	
		22		24			3		
947	9.511 473		9.535 665		0.464 335	9.975 808		053	
		23		25			2		
948	9.511 496		9.535 690		0.464 310	9.975 806		052	
		22		25			3		
949	9.511 518		9.535 715		0.464 285	9.975 803		051	
		22		24			3		
.950	9.511 540		9.535 739		0.464 261	9.975 800		.050	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

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6	13.8
7	16.1
8	18.4
9	20.7

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8	17.6
9	19.8

71°.100 — 71°.050

18°.950 — 19°.000

18°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9·511 540		9·535 739		0·464 261	9·975 800		**.050**	
		22		25			2		
951	9·511 562		9·535 764		0·464 236	9·975 798		049	
952	9·511 584	22	9·535 789	25	0·464 211	9·975 795	3	048	
953	9·511 606	22	9·535 813	24	0·464 187	9·975 793	2	047	
		22		25			3		
954	9·511 628		9·535 838		0·464 162	9·975 790		046	
955	9·511 650	22	9·535 863	25	0·464 137	9·975 787	3	045	
956	9·511 672	22	9·535 887	24	0·464 113	9·975 785	2	044	
		22		25			3		
957	9·511 694		9·535 912		0·464 088	9·975 782		043	
958	9·511 716	22	9·535 937	25	0·464 063	9·975 780	2	042	
959	9·511 738	22	9·535 961	24	0·464 039	9·975 777	3	041	
		22		25			3		
.960	9·511 760		9·535 986		0·464 014	9·975 774		**.040**	
		22		25			2		
961	9·511 782		9·536 011		0·463 989	9·975 772		039	
962	9·511 805	23	9·536 035	24	0·463 965	9·975 769	3	038	
963	9·511 827	22	9·536 060	25	0·463 940	9·975 767	2	037	
		22		25			3		
964	9·511 849		9·536 085		0·463 915	9·975 764		036	
965	9·511 871	22	9·536 109	24	0·463 891	9·975 761	3	035	
966	9·511 893	22	9·536 134	25	0·463 866	9·975 759	2	034	
		22		25			3		
967	9·511 915		9·536 159		0·463 841	9·975 756		033	
968	9·511 937	22	9·536 183	24	0·463 817	9·975 754	2	032	
969	9·511 959	22	9·536 208	25	0·463 792	9·975 751	3	031	
		22		25			3		
.970	9·511 981		9·536 233		0·463 767	9·975 748		**.030**	
		22		24			2		
971	9·512 003		9·536 257		0·463 743	9·975 746		029	
972	9·512 025	22	9·536 282	25	0·463 718	9·975 743	3	028	
973	9·512 047	22	9·536 307	25	0·463 693	9·975 740	3	027	
		22		24			2		
974	9·512 069		9·536 331		0·463 669	9·975 738		026	
975	9·512 091	22	9·536 356	25	0·463 644	9·975 735	3	025	
976	9·512 113	22	9·536 381	25	0·463 619	9·975 733	2	024	
		22		24			3		
977	9·512 135		9·536 405		0·463 595	9·975 730		023	
978	9·512 157	22	9·536 430	25	0·463 570	9·975 727	3	022	
979	9·512 179	22	9·536 455	25	0·463 545	9·975 725	2	021	
		22		24			3		
.980	9·512 201		9·536 479		0·463 521	9·975 722		**.020**	
		22		25			2		
981	9·512 223		9·536 504		0·463 496	9·975 720		019	
982	9·512 245	22	9·536 528	24	0·463 472	9·975 717	3	018	
983	9·512 268	23	9·536 553	25	0·463 447	9·975 714	3	017	
		22		25			2		
984	9·512 290		9·536 578		0·463 422	9·975 712		016	
985	9·512 312	22	9·536 602	24	0·463 398	9·975 709	3	015	
986	9·512 334	22	9·536 627	25	0·463 373	9·975 707	2	014	
		22		25			3		
987	9·512 356		9·536 652		0·463 348	9·975 704		013	
988	9·512 378	22	9·536 676	24	0·463 324	9·975 701	3	012	
989	9·512 400	22	9·536 701	25	0·463 299	9·975 699	2	011	
		22		25			3		
.990	9·512 422		9·536 726		0·463 274	9·975 696		**.010**	
		22		24			2		
991	9·512 444		9·536 750		0·463 250	9·975 694		009	
992	9·512 466	22	9·536 775	25	0·463 225	9·975 691	3	008	
993	9·512 488	22	9·536 799	24	0·463 201	9·975 688	3	007	
		22		25			2		
994	9·512 510		9·536 824		0·463 176	9·975 686		006	
995	9·512 532	22	9·536 849	25	0·463 151	9·975 683	3	005	
996	9·512 554	22	9·536 873	24	0·463 127	9·975 681	2	004	
		22		25			3		
997	9·512 576		9·536 898		0·463 102	9·975 678		003	
998	9·512 598	22	9·536 923	25	0·463 077	9·975 675	3	002	
999	9·512 620	22	9·536 947	24	0·463 053	9·975 673	2	001	
		22		25			3		
***000**	9·512 642		9·536 972		0·463 028	9·975 670		**.000**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

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1	2.5
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9	21.6

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8	18.4
9	20.7

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6	13.2
7	15.4
8	17.6
9	19.8

71°.050 — 71°.000

19°.000 — 19°.050

19°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.512 642	22	9.536 972	24	0.463 028	9.975 670	3	*000	
001	9.512 664	22	9.536 996	25	0.463 004	9.975 667	2	999	
002	9.512 686	22	9.537 021	25	0.462 979	9.975 665	3	998	
003	9.512 708	22	9.537 046	24	0.462 954	9.975 662	2	997	
004	9.512 730	22	9.537 070	25	0.462 930	9.975 660	3	996	
005	9.512 752	22	9.537 095	25	0.462 905	9.975 657	3	995	
006	9.512 774	22	9.537 120	24	0.462 880	9.975 654	2	994	
007	9.512 796	22	9.537 144	25	0.462 856	9.975 652	3	993	
008	9.512 818	22	9.537 169	24	0.462 831	9.975 649	2	992	
009	9.512 840	22	9.537 193	25	0.462 807	9.975 647	3	991	
.010	9.512 862	22	9.537 218	25	0.462 782	9.975 644	3	.990	
011	9.512 884	22	9.537 243	24	0.462 757	9.975 641	2	989	
012	9.512 906	22	9.537 267	25	0.462 733	9.975 639	3	988	
013	9.512 928	22	9.537 292	24	0.462 708	9.975 636	2	987	
014	9.512 950	22	9.537 316	25	0.462 684	9.975 634	3	986	
015	9.512 972	22	9.537 341	25	0.462 659	9.975 631	3	985	
016	9.512 994	22	9.537 366	24	0.462 634	9.975 628	2	984	
017	9.513 016	22	9.537 390	25	0.462 610	9.975 626	3	983	
018	9.513 038	22	9.537 415	25	0.462 585	9.975 623	3	982	
019	9.513 060	22	9.537 440	24	0.462 560	9.975 620	2	981	
.020	9.513 082	22	9.537 464	25	0.462 536	9.975 618	3	.980	
021	9.513 104	22	9.537 489	24	0.462 511	9.975 615	2	979	
022	9.513 126	22	9.537 513	25	0.462 487	9.975 613	3	978	
023	9.513 148	22	9.537 538	24	0.462 462	9.975 610	3	977	
024	9.513 170	22	9.537 562	25	0.462 438	9.975 607	2	976	
025	9.513 192	22	9.537 587	25	0.462 413	9.975 605	3	975	
026	9.513 214	22	9.537 612	24	0.462 388	9.975 602	2	974	
027	9.513 236	22	9.537 636	25	0.462 364	9.975 600	3	973	
028	9.513 258	22	9.537 661	24	0.462 339	9.975 597	3	972	
029	9.513 280	22	9.537 685	25	0.462 315	9.975 594	2	971	
.030	9.513 302	22	9.537 710	25	0.462 290	9.975 592	3	.970	
031	9.513 324	22	9.537 735	24	0.462 265	9.975 589	3	969	
032	9.513 346	22	9.537 759	25	0.462 241	9.975 586	2	968	
033	9.513 368	22	9.537 784	24	0.462 216	9.975 584	3	967	
034	9.513 390	22	9.537 808	25	0.462 192	9.975 581	2	966	
035	9.513 412	22	9.537 833	25	0.462 167	9.975 579	3	965	
036	9.513 434	22	9.537 858	24	0.462 142	9.975 576	3	964	
037	9.513 456	22	9.537 882	25	0.462 118	9.975 573	2	963	
038	9.513 478	21	9.537 907	24	0.462 093	9.975 571	3	962	
039	9.513 499	22	9.537 931	25	0.462 069	9.975 568	2	961	
.040	9.513 521	22	9.537 956	24	0.462 044	9.975 566	3	.960	
041	9.513 543	22	9.537 980	25	0.462 020	9.975 563	3	959	
042	9.513 565	22	9.538 005	25	0.461 995	9.975 560	2	958	
043	9.513 587	22	9.538 030	24	0.461 970	9.975 558	3	957	
044	9.513 609	22	9.538 054	25	0.461 946	9.975 555	3	956	
045	9.513 631	22	9.538 079	24	0.461 921	9.975 552	2	955	
046	9.513 653	22	9.538 103	25	0.461 897	9.975 550	3	954	
047	9.513 675	22	9.538 128	25	0.461 872	9.975 547	2	953	
048	9.513 697	22	9.538 153	24	0.461 847	9.975 545	3	952	
049	9.513 719	22	9.538 177	25	0.461 823	9.975 542	3	951	
.050	9.513 741		9.538 202		0.461 798	9.975 539		.950	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

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6	14.4
7	16.8
8	19.2
9	21.6

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1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

71°.000 — 70°.950

19°.050 — 19°.100

19°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9·513 741		9·538 202		0.461 798	9·975 539		**.950**	
		22		24			2		
051	9·513 763		9·538 226		0.461 774	9·975 537		949	
052	9·513 785	22	9·538 251	25	0.461 749	9·975 534	3	948	
053	9·513 807	22	9·538 275	24	0.461 725	9·975 532	2	947	
		22		25			3		25
054	9·513 829		9·538 300		0.461 700	9·975 529		946	1 2.5
055	9·513 851	22	9·538 324	24	0.461 676	9·975 526	3	945	2 5.0
056	9·513 873	22	9·538 349	25	0.461 651	9·975 524	2	944	3 7.5
		22		25			3		4 10.0
057	9·513 895		9·538 374		0.461 626	9·975 521		943	5 12.5
058	9·513 917	22	9·538 398	24	0.461 602	9·975 518	3	942	6 15.0
059	9·513 939	22	9·538 423	25	0.461 577	9·975 516	2	941	7 17.5
		21		24			3		8 20.0
.060	9·513 960		9·538 447		0.461 553	9·975 513		**.940**	9 22.5
		22		25			2		
061	9·513 982		9·538 472		0.461 528	9·975 511		939	
062	9·514 004	22	9·538 496	24	0.461 504	9·975 508	3	938	
063	9·514 026	22	9·538 521	25	0.461 479	9·975 505	3	937	
		22		25			2		
064	9·514 048		9·538 546		0.461 454	9·975 503		936	
065	9·514 070	22	9·538 570	24	0.461 430	9·975 500	3	935	
066	9·514 092	22	9·538 595	25	0.461 405	9·975 497	3	934	24
		22		24			2		1 2.4
067	9·514 114		9·538 619		0.461 381	9·975 495		933	2 4.8
068	9·514 136	22	9·538 644	25	0.461 356	9·975 492	3	932	3 7.2
069	9·514 158	22	9·538 668	24	0.461 332	9·975 490	2	931	4 9.6
		22		25			3		5 12.0
.070	9·514 180		9·538 693		0.461 307	9·975 487		**.930**	6 14.4
		22		24			3		7 16.8
071	9·514 202		9·538 717		0.461 283	9·975 484		929	8 19.2
072	9·514 224	22	9·538 742	25	0.461 258	9·975 482	2	928	9 21.6
073	9·514 246	22	9·538 766	24	0.461 234	9·975 479	3	927	
		22		25			2		
074	9·514 268		9·538 791		0.461 209	9·975 477		926	
075	9·514 289	21	9·538 816	25	0.461 184	9·975 474	3	925	
076	9·514 311	22	9·538 840	24	0.461 160	9·975 471	3	924	
		22		25			2		
077	9·514 333		9·538 865		0.461 135	9·975 469		923	22
078	9·514 355	22	9·538 889	24	0.461 111	9·975 466	3	922	1 2.2
079	9·514 377	22	9·538 914	25	0.461 086	9·975 463	3	921	2 4.4
		22		24			2		3 6.6
.080	9·514 399		9·538 938		0.461 062	9·975 461		**.920**	4 8.8
		22		25			3		5 11.0
081	9·514 421		9·538 963		0.461 037	9·975 458		919	6 13.2
082	9·514 443	22	9·538 987	24	0.461 013	9·975 456	2	918	7 15.4
083	9·514 465	22	9·539 012	25	0.460 988	9·975 453	3	917	8 17.6
		22		24			3		9 19.8
084	9·514 487		9·539 036		0.460 964	9·975 450		916	
085	9·514 509	22	9·539 061	25	0.460 939	9·975 448	2	915	
086	9·514 530	21	9·539 085	24	0.460 915	9·975 445	3	914	
		22		25			3		
087	9·514 552		9·539 110		0.460 890	9·975 442		913	21
088	9·514 574	22	9·539 134	24	0.460 866	9·975 440	2	912	1 2.1
089	9·514 596	22	9·539 159	25	0.460 841	9·975 437	3	911	2 4.2
		22		25			2		3 6.3
.090	9·514 618		9·539 184		0.460 816	9·975 435		**.910**	4 8.4
		22		24			3		5 10.5
091	9·514 640		9·539 208		0.460 792	9·975 432		909	6 12.6
092	9·514 662	22	9·539 233	25	0.460 767	9·975 429	3	908	7 14.7
093	9·514 684	22	9·539 257	24	0.460 743	9·975 427	2	907	8 16.8
		22		25			3		9 18.9
094	9·514 706		9·539 282		0.460 718	9·975 424		906	
095	9·514 728	22	9·539 306	24	0.460 694	9·975 421	3	905	
096	9·514 749	21	9·539 331	25	0.460 669	9·975 419	2	904	
		22		24			3		
097	9·514 771		9·539 355		0.460 645	9·975 416		903	
098	9·514 793	22	9·539 380	25	0.460 620	9·975 414	2	902	
099	9·514 815	22	9·539 404	24	0.460 596	9·975 411	3	901	
		22		25			3		
.100	9·514 837		9·539 429		0.460 571	9·975 408		**.900**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

70°.950 — 70°.900

19°.100 — 19°.150

19°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.514 837		9.539 429		0.460 571	9.975 408		.900	
		22		24			2		
101	9.514 859		9.539 453		0.460 547	9.975 406		899	
102	9.514 881	22	9.539 478	25	0.460 522	9.975 403	3	898	
103	9.514 903	22	9.539 502	24	0.460 498	9.975 400	3	897	
		22		25			2		25
104	9.514 925		9.539 527		0.460 473	9.975 398		896	1 2.5
105	9.514 946	21	9.539 551	24	0.460 449	9.975 395	3	895	2 5.0
106	9.514 968	22	9.539 576	25	0.460 424	9.975 393	2	894	3 7.5
		22		24			3		4 10.0
107	9.514 990		9.539 600		0.460 400	9.975 390		893	5 12.5
108	9.515 012	22	9.539 625	25	0.460 375	9.975 387	3	892	6 15.0
109	9.515 034	22	9.539 649	24	0.460 351	9.975 385	2	891	7 17.5
		22		25			3		8 20.0
.110	9.515 056		9.539 674		0.460 326	9.975 382		.890	9 22.5
		22		24			3		
111	9.515 078		9.539 698		0.460 302	9.975 379		889	
112	9.515 100	22	9.539 723	25	0.460 277	9.975 377	2	888	
113	9.515 122	22	9.539 747	24	0.460 253	9.975 374	3	887	
		21		25			2		
114	9.515 143		9.539 772		0.460 228	9.975 372		886	
115	9.515 165	22	9.539 796	24	0.460 204	9.975 369	3	885	
116	9.515 187	22	9.539 821	25	0.460 179	9.975 366	3	884	24
		22		24			2		
117	9.515 209		9.539 845		0.460 155	9.975 364		883	1 2.4
118	9.515 231	22	9.539 870	25	0.460 130	9.975 361	3	882	2 4.8
119	9.515 253	22	9.539 894	24	0.460 106	9.975 358	3	881	3 7.2
		22		25			2		4 9.6
.120	9.515 275		9.539 919		0.460 081	9.975 356		.880	5 12.0
		21		24			3		6 14.4
121	9.515 296		9.539 943		0.460 057	9.975 353		879	7 16.8
122	9.515 318	22	9.539 968	25	0.460 032	9.975 351	2	878	8 19.2
123	9.515 340	22	9.539 992	24	0.460 008	9.975 348	3	877	9 21.6
		22		25			3		
124	9.515 362		9.540 017		0.459 983	9.975 345		876	
125	9.515 384	22	9.540 041	24	0.459 959	9.975 343	2	875	
126	9.515 406	22	9.540 066	25	0.459 934	9.975 340	3	874	
		22		24			3		
127	9.515 428		9.540 090		0.459 910	9.975 337		873	22
128	9.515 449	21	9.540 115	25	0.459 885	9.975 335	2	872	
129	9.515 471	22	9.540 139	24	0.459 861	9.975 332	3	871	1 2.2
		22		25			2		2 4.4
.130	9.515 493		9.540 164		0.459 836	9.975 330		.870	3 6.6
		22		24			3		4 8.8
131	9.515 515		9.540 188		0.459 812	9.975 327		869	5 11.0
132	9.515 537	22	9.540 213	25	0.459 787	9.975 324	3	868	6 13.2
133	9.515 559	22	9.540 237	24	0.459 763	9.975 322	2	867	7 15.4
		22		25			3		8 17.6
134	9.515 581		9.540 262		0.459 738	9.975 319		866	9 19.8
135	9.515 602	21	9.540 286	24	0.459 714	9.975 316	3	865	
136	9.515 624	22	9.540 311	25	0.459 689	9.975 314	2	864	
		22		24			3		
137	9.515 646		9.540 335		0.459 665	9.975 311		863	
138	9.515 668	22	9.540 359	24	0.459 641	9.975 308	3	862	
139	9.515 690	22	9.540 384	25	0.459 616	9.975 306	2	861	21
		22		24			3		
.140	9.515 712		9.540 408		0.459 592	9.975 303		.860	1 2.1
		21		25			2		2 4.2
141	9.515 733		9.540 433		0.459 567	9.975 301		859	3 6.3
142	9.515 755	22	9.540 457	24	0.459 543	9.975 298	3	858	4 8.4
143	9.515 777	22	9.540 482	25	0.459 518	9.975 295	3	857	5 10.5
		22		24			2		6 12.6
144	9.515 799		9.540 506		0.459 494	9.975 293		856	7 14.7
145	9.515 821	22	9.540 531	25	0.459 469	9.975 290	3	855	8 16.8
146	9.515 843	22	9.540 555	24	0.459 445	9.975 287	3	854	9 18.9
		21		25			2		
147	9.515 864		9.540 580		0.459 420	9.975 285		853	
148	9.515 886	22	9.540 604	24	0.459 396	9.975 282	3	852	
149	9.515 908	22	9.540 629	25	0.459 371	9.975 280	2	851	
		22		24			3		
.150	9.515 930		9.540 653		0.459 347	9.975 277		.850	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.900 — 70°.850

19°.150 — 19°.200

19°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.515 930		9.540 653		0.459 347	9.975 277		.850	
		22		25			3		
151	9.515 952		9.540 678		0.459 322	9.975 274		849	
		22		24			2		
152	9.515 974		9.540 702		0.459 298	9.975 272		848	
		21		24			3		
153	9.515 995		9.540 726		0.459 274	9.975 269		847	
		22		25			3		
154	9.516 017		9.540 751		0.459 249	9.975 266		846	
		22		24			2		
155	9.516 039		9.540 775		0.459 225	9.975 264		845	
		22		25			3		
156	9.516 061		9.540 800		0.459 200	9.975 261		844	
		22		24			3		
157	9.516 083		9.540 824		0.459 176	9.975 258		843	
		22		25			2		
158	9.516 105		9.540 849		0.459 151	9.975 256		842	
		21		24			3		
159	9.516 126		9.540 873		0.459 127	9.975 253		841	
		22		25			2		
.160	9.516 148		9.540 898		0.459 102	9.975 251		.840	
		22		24			3		
161	9.516 170		9.540 922		0.459 078	9.975 248		839	
		22		25			3		
162	9.516 192		9.540 947		0.459 053	9.975 245		838	
		22		24			2		
163	9.516 214		9.540 971		0.459 029	9.975 243		837	
		21		24			3		
164	9.516 235		9.540 995		0.459 005	9.975 240		836	
		22		25			3		
165	9.516 257		9.541 020		0.458 980	9.975 237		835	
		22		24			2		
166	9.516 279		9.541 044		0.458 956	9.975 235		834	
		22		25			3		
167	9.516 301		9.541 069		0.458 931	9.975 232		833	
		22		24			2		
168	9.516 323		9.541 093		0.458 907	9.975 230		832	
		21		25			3		
169	9.516 344		9.541 118		0.458 882	9.975 227		831	
		22		24			3		
.170	9.516 366		9.541 142		0.458 858	9.975 224		.830	
		22		24			2		
171	9.516 388		9.541 166		0.458 834	9.975 222		829	
		22		25			3		
172	9.516 410		9.541 191		0.458 809	9.975 219		828	
		22		24			3		
173	9.516 432		9.541 215		0.458 785	9.975 216		827	
		21		25			2		
174	9.516 453		9.541 240		0.458 760	9.975 214		826	
		22		24			3		
175	9.516 475		9.541 264		0.458 736	9.975 211		825	
		22		25			3		
176	9.516 497		9.541 289		0.458 711	9.975 208		824	
		22		24			2		
177	9.516 519		9.541 313		0.458 687	9.975 206		823	
		22		25			3		
178	9.516 541		9.541 338		0.458 662	9.975 203		822	
		21		24			2		
179	9.516 562		9.541 362		0.458 638	9.975 201		821	
		22		24			3		
.180	9.516 584		9.541 386		0.458 614	9.975 198		.820	
		22		25			3		
181	9.516 606		9.541 411		0.458 589	9.975 195		819	
		22		24			2		
182	9.516 628		9.541 435		0.458 565	9.975 193		818	
		22		25			3		
183	9.516 650		9.541 460		0.458 540	9.975 190		817	
		21		24			3		
184	9.516 671		9.541 484		0.458 516	9.975 187		816	
		22		25			2		
185	9.516 693		9.541 509		0.458 491	9.975 185		815	
		22		24			3		
186	9.516 715		9.541 533		0.458 467	9.975 182		814	
		22		24			3		
187	9.516 737		9.541 557		0.458 443	9.975 179		813	
		22		25			2		
188	9.516 759		9.541 582		0.458 418	9.975 177		812	
		21		24			3		
189	9.516 780		9.541 606		0.458 394	9.975 174		811	
		22		25			2		
.190	9.516 802		9.541 631		0.458 369	9.975 172		.810	
		22		24			3		
191	9.516 824		9.541 655		0.458 345	9.975 169		809	
		22		24			3		
192	9.516 846		9.541 679		0.458 321	9.975 166		808	
		21		25			2		
193	9.516 867		9.541 704		0.458 296	9.975 164		807	
		22		24			3		
194	9.516 889		9.541 728		0.458 272	9.975 161		806	
		22		25			3		
195	9.516 911		9.541 753		0.458 247	9.975 158		805	
		22		24			2		
196	9.516 933		9.541 777		0.458 223	9.975 156		804	
		22		24			3		
197	9.516 955		9.541 801		0.458 199	9.975 153		803	
		21		25			3		
198	9.516 976		9.541 826		0.458 174	9.975 150		802	
		22		24			2		
199	9.516 998		9.541 850		0.458 150	9.975 148		801	
		22		25			3		
.200	9.517 020		9.541 875		0.458 125	9.975 145		.800	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

70°.850 — 70°.800

19°.200 — 19°.250

19°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.517 020		9.541 875		0.458 125	9.975 145		**.800**	
		22		24			3		
201	9.517 042		9.541 899		0.458 101	9.975 142		799	
202	9.517 063	21	9.541 924	25	0.458 076	9.975 140	2	798	
203	9.517 085	22	9.541 948	24	0.458 052	9.975 137	3	797	
		22		24			2		
204	9.517 107		9.541 972		0.458 028	9.975 135		796	
205	9.517 129	22	9.541 997	25	0.458 003	9.975 132	3	795	
206	9.517 150	21	9.542 021	24	0.457 979	9.975 129	3	794	
		22		25			2		
207	9.517 172		9.542 046		0.457 954	9.975 127		793	
208	9.517 194	22	9.542 070	24	0.457 930	9.975 124	3	792	
209	9.517 216	22	9.542 094	24	0.457 906	9.975 121	3	791	
		21		25			2		
.210	9.517 237		9.542 119		0.457 881	9.975 119		**.790**	
		22		24			3		
211	9.517 259		9.542 143		0.457 857	9.975 116		789	
212	9.517 281	22	9.542 168	25	0.457 832	9.975 113	3	788	
213	9.517 303	22	9.542 192	24	0.457 808	9.975 111	2	787	
		21		24			3		
214	9.517 324		9.542 216		0.457 784	9.975 108		786	
215	9.517 346	22	9.542 241	25	0.457 759	9.975 106	2	785	
216	9.517 368	22	9.542 265	24	0.457 735	9.975 103	3	784	
		22		24			3		
217	9.517 390		9.542 289		0.457 711	9.975 100		783	
218	9.517 411	21	9.542 314	25	0.457 686	9.975 098	2	782	
219	9.517 433	22	9.542 338	24	0.457 662	9.975 095	3	781	
		22		25			3		
.220	9.517 455		9.542 363		0.457 637	9.975 092		**.780**	
		22		24			2		
221	9.517 477		9.542 387		0.457 613	9.975 090		779	
222	9.517 498	21	9.542 411	24	0.457 589	9.975 087	3	778	
223	9.517 520	22	9.542 436	25	0.457 564	9.975 084	3	777	
		22		24			2		
224	9.517 542		9.542 460		0.457 540	9.975 082		776	
225	9.517 564	22	9.542 485	25	0.457 515	9.975 079	3	775	
226	9.517 585	21	9.542 509	24	0.457 491	9.975 076	3	774	
		22		24			2		
227	9.517 607		9.542 533		0.457 467	9.975 074		773	
228	9.517 629	22	9.542 558	25	0.457 442	9.975 071	3	772	
229	9.517 651	22	9.542 582	24	0.457 418	9.975 069	2	771	
		21		24			3		
.230	9.517 672		9.542 606		0.457 394	9.975 066		**.770**	
		22		25			3		
231	9.517 694		9.542 631		0.457 369	9.975 063		769	
232	9.517 716	22	9.542 655	24	0.457 345	9.975 061	2	768	
233	9.517 737	21	9.542 680	25	0.457 320	9.975 058	3	767	
		22		24			3		
234	9.517 759		9.542 704		0.457 296	9.975 055		766	
235	9.517 781	22	9.542 728	24	0.457 272	9.975 053	2	765	
236	9.517 803	22	9.542 753	25	0.457 247	9.975 050	3	764	
		21		24			3		
237	9.517 824		9.542 777		0.457 223	9.975 047		763	
238	9.517 846	22	9.542 801	24	0.457 199	9.975 045	2	762	
239	9.517 868	22	9.542 826	25	0.457 174	9.975 042	3	761	
		22		24			3		
.240	9.517 890		9.542 850		0.457 150	9.975 039		**.760**	
		21		24			2		
241	9.517 911		9.542 874		0.457 126	9.975 037		759	
242	9.517 933	22	9.542 899	25	0.457 101	9.975 034	3	758	
243	9.517 955	22	9.542 923	24	0.457 077	9.975 031	3	757	
		21		25			2		
244	9.517 976		9.542 948		0.457 052	9.975 029		756	
245	9.517 998	22	9.542 972	24	0.457 028	9.975 026	3	755	
246	9.518 020	22	9.542 996	24	0.457 004	9.975 024	2	754	
		22		25			3		
247	9.518 042		9.543 021		0.456 979	9.975 021		753	
248	9.518 063	21	9.543 045	24	0.456 955	9.975 018	3	752	
249	9.518 085	22	9.543 069	24	0.456 931	9.975 016	2	751	
		22		25			3		
.250	9.518 107		9.543 094		0.456 906	9.975 013		**.750**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

70°.800 — 70°.750

19°.250 — 19°.300

19°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.518 107		9.543 094		0.456 906	9.975 013		**.750**	
		21		24			3		
251	9.518 128		9.543 118		0.456 882	9.975 010		749	
252	9.518 150	22	9.543 142	24	0.456 858	9.975 008	2	748	
253	9.518 172	22	9.543 167	25	0.456 833	9.975 005	3	747	
		21		24			3		
254	9.518 193		9.543 191		0.456 809	9.975 002		746	
255	9.518 215	22	9.543 215	24	0.456 785	9.975 000	2	745	
256	9.518 237	22	9.543 240	25	0.456 760	9.974 997	3	744	
		22		24			3		
257	9.518 259		9.543 264		0.456 736	9.974 994		743	
258	9.518 280	21	9.543 288	24	0.456 712	9.974 992	2	742	
259	9.518 302	22	9.543 313	25	0.456 687	9.974 989	3	741	
		22		24			3		
.260	9.518 324		9.543 337		0.456 663	9.974 986		**.740**	
		21		24			2		
261	9.518 345		9.543 361		0.456 639	9.974 984		739	
262	9.518 367	22	9.543 386	25	0.456 614	9.974 981	3	738	
263	9.518 389	22	9.543 410	24	0.456 590	9.974 979	2	737	
		21		25			3		
264	9.518 410		9.543 435		0.456 565	9.974 976		736	
265	9.518 432	22	9.543 459	24	0.456 541	9.974 973	3	735	
266	9.518 454	22	9.543 483	24	0.456 517	9.974 971	2	734	
		21		25			3		
267	9.518 475		9.543 508		0.456 492	9.974 968		733	
268	9.518 497	22	9.543 532	24	0.456 468	9.974 965	3	732	
269	9.518 519	22	9.543 556	24	0.456 444	9.974 963	2	731	
		21		25			3		
.270	9.518 540		9.543 581		0.456 419	9.974 960		**.730**	
		22		24			3		
271	9.518 562		9.543 605		0.456 395	9.974 957		729	
272	9.518 584	22	9.543 629	24	0.456 371	9.974 955	2	728	
273	9.518 606	22	9.543 654	25	0.456 346	9.974 952	3	727	
		21		24			3		
274	9.518 627		9.543 678		0.456 322	9.974 949		726	
275	9.518 649	22	9.543 702	24	0.456 298	9.974 947	2	725	
276	9.518 671	22	9.543 726	24	0.456 274	9.974 944	3	724	
		21		25			3		
277	9.518 692		9.543 751		0.456 249	9.974 941		723	
278	9.518 714	22	9.543 775	24	0.456 225	9.974 939	2	722	
279	9.518 736	22	9.543 799	24	0.456 201	9.974 936	3	721	
		21		25			3		
.280	9.518 757		9.543 824		0.456 176	9.974 933		**.720**	
		22		24			2		
281	9.518 779		9.543 848		0.456 152	9.974 931		719	
282	9.518 801	22	9.543 872	24	0.456 128	9.974 928	3	718	
283	9.518 822	21	9.543 897	25	0.456 103	9.974 926	2	717	
		22		24			3		
284	9.518 844		9.543 921		0.456 079	9.974 923		716	
285	9.518 866	22	9.543 945	24	0.456 055	9.974 920	3	715	
286	9.518 887	21	9.543 970	25	0.456 030	9.974 918	2	714	
		22		24			3		
287	9.518 909		9.543 994		0.456 006	9.974 915		713	
288	9.518 931	22	9.544 018	24	0.455 982	9.974 912	3	712	
289	9.518 952	21	9.544 043	25	0.455 957	9.974 910	2	711	
		22		24			3		
.290	9.518 974		9.544 067		0.455 933	9.974 907		**.710**	
		22		24			3		
291	9.518 996		9.544 091		0.455 909	9.974 904		709	
292	9.519 017	21	9.544 116	25	0.455 884	9.974 902	2	708	
293	9.519 039	22	9.544 140	24	0.455 860	9.974 899	3	707	
		21		24			3		
294	9.519 060		9.544 164		0.455 836	9.974 896		706	
295	9.519 082	22	9.544 188	24	0.455 812	9.974 894	2	705	
296	9.519 104	22	9.544 213	25	0.455 787	9.974 891	3	704	
		21		24			3		
297	9.519 125		9.544 237		0.455 763	9.974 888		703	
298	9.519 147	22	9.544 261	24	0.455 739	9.974 886	2	702	
299	9.519 169	22	9.544 286	25	0.455 714	9.974 883	3	701	
		21		24			3		
.300	9.519 190		9.544 310		0.455 690	9.974 880		**.700**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

70°.750 — 70°.700

19°.300 — 19°.350

19°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.519 190		9.544 310		0.455 690	9.974 880		.700	
301	9.519 212	22	9.544 334	24	0.455 666	9.974 878	2	699	
302	9.519 234	22	9.544 359	25	0.455 641	9.974 875	3	698	
303	9.519 255	21	9.544 383	24	0.455 617	9.974 872	3	697	
304	9.519 277	22	9.544 407	24	0.455 593	9.974 870	2	696	25
305	9.519 299	22	9.544 431	24	0.455 569	9.974 867	3	695	1 2.5
306	9.519 320	21	9.544 456	25	0.455 544	9.974 864	3	694	2 5.0
307	9.519 342	22	9.544 480	24	0.455 520	9.974 862	2	693	3 7.5
308	9.519 363	21	9.544 504	24	0.455 496	9.974 859	3	692	4 10.0
309	9.519 385	22	9.544 529	25	0.455 471	9.974 857	2	691	5 12.5
.310	9.519 407	22	9.544 553	24	0.455 447	9.974 854	3	.690	6 15.0
311	9.519 428	21	9.544 577	24	0.455 423	9.974 851	3	689	7 17.5
312	9.519 450	22	9.544 601	24	0.455 399	9.974 849	2	688	8 20.0
313	9.519 472	22	9.544 626	25	0.455 374	9.974 846	3	687	9 22.5
314	9.519 493	21	9.544 650	24	0.455 350	9.974 843	3	686	
315	9.519 515	22	9.544 674	24	0.455 326	9.974 841	2	685	
316	9.519 537	22	9.544 699	25	0.455 301	9.974 838	3	684	24
317	9.519 558	21	9.544 723	24	0.455 277	9.974 835	3	683	1 2.4
318	9.519 580	22	9.544 747	24	0.455 253	9.974 833	2	682	2 4.8
319	9.519 601	21	9.544 771	24	0.455 229	9.974 830	3	681	3 7.2
.320	9.519 623	22	9.544 796	25	0.455 204	9.974 827	3	.680	4 9.6
321	9.519 645	22	9.544 820	24	0.455 180	9.974 825	2	679	5 12.0
322	9.519 666	21	9.544 844	24	0.455 156	9.974 822	3	678	6 14.4
323	9.519 688	22	9.544 869	25	0.455 131	9.974 819	3	677	7 16.8
324	9.519 710	22	9.544 893	24	0.455 107	9.974 817	2	676	8 19.2
325	9.519 731	21	9.544 917	24	0.455 083	9.974 814	3	675	9 21.6
326	9.519 753	22	9.544 941	24	0.455 059	9.974 811	3	674	
327	9.519 774	21	9.544 966	25	0.455 034	9.974 809	2	673	
328	9.519 796	22	9.544 990	24	0.455 010	9.974 806	3	672	22
329	9.519 818	22	9.545 014	24	0.454 986	9.974 803	3	671	1 2.2
.330	9.519 839	21	9.545 038	24	0.454 962	9.974 801	2	.670	2 4.4
331	9.519 861	22	9.545 063	25	0.454 937	9.974 798	3	669	3 6.6
332	9.519 882	21	9.545 087	24	0.454 913	9.974 795	3	668	4 8.8
333	9.519 904	22	9.545 111	24	0.454 889	9.974 793	2	667	5 11.0
334	9.519 926	22	9.545 136	25	0.454 864	9.974 790	3	666	6 13.2
335	9.519 947	21	9.545 160	24	0.454 840	9.974 787	3	665	7 15.4
336	9.519 969	22	9.545 184	24	0.454 816	9.974 785	2	664	8 17.6
337	9.519 990	21	9.545 208	24	0.454 792	9.974 782	3	663	9 19.8
338	9.520 012	22	9.545 233	25	0.454 767	9.974 779	3	662	
339	9.520 034	22	9.545 257	24	0.454 743	9.974 777	2	661	
.340	9.520 055	21	9.545 281	24	0.454 719	9.974 774	3	.660	21
341	9.520 077	22	9.545 305	24	0.454 695	9.974 771	3	659	1 2.1
342	9.520 098	21	9.545 330	25	0.454 670	9.974 769	2	658	2 4.2
343	9.520 120	22	9.545 354	24	0.454 646	9.974 766	3	657	3 6.3
344	9.520 142	22	9.545 378	24	0.454 622	9.974 763	3	656	4 8.4
345	9.520 163	21	9.545 402	24	0.454 598	9.974 761	2	655	5 10.5
346	9.520 185	22	9.545 427	25	0.454 573	9.974 758	3	654	6 12.6
347	9.520 206	21	9.545 451	24	0.454 549	9.974 755	3	653	7 14.7
348	9.520 228	22	9.545 475	24	0.454 525	9.974 753	2	652	8 16.8
349	9.520 250	22	9.545 499	24	0.454 501	9.974 750	3	651	9 18.9
.350	9.520 271	21	9.545 524	25	0.454 476	9.974 748	2	.650	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.700 — 70°.650

19°.350 — 19°.400

19°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9·520 271		9·545 524		0·454 476	9·974 748		.650	
		22		24			3		
351	9·520 293		9·545 548		0·454 452	9·974 745		649	
		21		24			3		
352	9·520 314		9·545 572		0·454 428	9·974 742		648	
		22		24			2		
353	9·520 336		9·545 596		0·454 404	9·974 740		647	
		21		25			3		25
354	9·520 357		9·545 621		0·454 379	9·974 737		646	1 2·5
		22		24			3		2 5·0
355	9·520 379		9·545 645		0·454 355	9·974 734		645	3 7·5
		22		24			2		4 10·0
356	9·520 401		9·545 669		0·454 331	9·974 732		644	5 12·5
		21		24			3		6 15·0
357	9·520 422		9·545 693		0·454 307	9·974 729		643	7 17·5
		22		25			3		8 20·0
358	9·520 444		9·545 718		0·454 282	9·974 726		642	9 22·5
		21		24			2		
359	9·520 465		9·545 742		0·454 258	9·974 724		641	
		22		24			3		
.360	9·520 487		9·545 766		0·454 234	9·974 721		.640	
		21		24			3		
361	9·520 508		9·545 790		0·454 210	9·974 718		639	
		22		24			2		
362	9·520 530		9·545 814		0·454 186	9·974 716		638	
		22		25			3		
363	9·520 552		9·545 839		0·454 161	9·974 713		637	
		21		24			3		
364	9·520 573		9·545 863		0·454 137	9·974 710		636	
		22		24			2		
365	9·520 595		9·545 887		0·454 113	9·974 708		635	
		21		24			3		24
366	9·520 616		9·545 911		0·454 089	9·974 705		634	1 2·4
		22		25			3		2 4·8
367	9·520 638		9·545 936		0·454 064	9·974 702		633	3 7·2
		21		24			2		4 9·6
368	9·520 659		9·545 960		0·454 040	9·974 700		632	5 12·0
		22		24			3		6 14·4
369	9·520 681		9·545 984		0·454 016	9·974 697		631	7 16·8
		22		24			3		8 19·2
.370	9·520 703		9·546 008		0·453 992	9·974 694		.630	9 21·6
		21		25			2		
371	9·520 724		9·546 033		0·453 967	9·974 692		629	
		22		24			3		
372	9·520 746		9·546 057		0·453 943	9·974 689		628	
		21		24			3		
373	9·520 767		9·546 081		0·453 919	9·974 686		627	
		22		24			2		
374	9·520 789		9·546 105		0·453 895	9·974 684		626	
		21		24			3		
375	9·520 810		9·546 129		0·453 871	9·974 681		625	
		22		25			3		
376	9·520 832		9·546 154		0·453 846	9·974 678		624	
		21		24			2		
377	9·520 853		9·546 178		0·453 822	9·974 676		623	22
		22		24			3		
378	9·520 875		9·546 202		0·453 798	9·974 673		622	1 2·2
		22		24			3		2 4·4
379	9·520 897		9·546 226		0·453 774	9·974 670		621	3 6·6
		21		25			2		4 8·8
.380	9·520 918		9·546 251		0·453 749	9·974 668		.620	5 11·0
		22		24			3		6 13·2
381	9·520 940		9·546 275		0·453 725	9·974 665		619	7 15·4
		21		24			3		8 17·6
382	9·520 961		9·546 299		0·453 701	9·974 662		618	9 19·8
		22		24			2		
383	9·520 983		9·546 323		0·453 677	9·974 660		617	
		21		24			3		
384	9·521 004		9·546 347		0·453 653	9·974 657		616	
		22		25			3		
385	9·521 026		9·546 372		0·453 628	9·974 654		615	
		21		24			2		
386	9·521 047		9·546 396		0·453 604	9·974 652		614	
		22		24			3		
387	9·521 069		9·546 420		0·453 580	9·974 649		613	
		21		24			3		
388	9·521 090		9·546 444		0·453 556	9·974 646		612	
		22		24			2		
389	9·521 112		9·546 468		0·453 532	9·974 644		611	21
		22		25			3		
.390	9·521 134		9·546 493		0·453 507	9·974 641		.610	1 2·1
		21		24			3		2 4·2
391	9·521 155		9·546 517		0·453 483	9·974 638		609	3 6·3
		22		24			2		4 8·4
392	9·521 177		9·546 541		0·453 459	9·974 636		608	5 10·5
		21		24			3		6 12·6
393	9·521 198		9·546 565		0·453 435	9·974 633		607	7 14·7
		22		24			3		8 16·8
394	9·521 220		9·546 589		0·453 411	9·974 630		606	9 18·9
		21		25			2		
395	9·521 241		9·546 614		0·453 386	9·974 628		605	
		22		24			3		
396	9·521 263		9·546 638		0·453 362	9·974 625		604	
		21		24			3		
397	9·521 284		9·546 662		0·453 338	9·974 622		603	
		22		24			2		
398	9·521 306		9·546 686		0·453 314	9·974 620		602	
		21		24			3		
399	9·521 327		9·546 710		0·453 290	9·974 617		601	
		22		25			3		
.400	9·521 349		9·546 735		0·453 265	9·974 614		.600	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.650 — 70°.600

19°.400 — 19°.450

19°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9·521 349		9·546 735		0·453 265	9·974 614		.600	
		21		24			2		
401	9·521 370		9·546 759		0·453 241	9·974 612		599	
402	9·521 392	22	9·546 783	24	0·453 217	9·974 609	3	598	
403	9·521 413	21	9·546 807	24	0·453 193	9·974 606	3	597	
		22		24			2		
404	9·521 435		9·546 831		0·453 169	9·974 604		596	
405	9·521 456	21	9·546 856	25	0·453 144	9·974 601	3	595	
406	9·521 478	22	9·546 880	24	0·453 120	9·974 598	3	594	
		21		24			2		
407	9·521 499		9·546 904		0·453 096	9·974 596		593	
408	9·521 521	22	9·546 928	24	0·453 072	9·974 593	3	592	
409	9·521 542	21	9·546 952	24	0·453 048	9·974 590	3	591	
		22		24			2		
.410	9·521 564		9·546 976		0·453 024	9·974 588		.590	
		22		25			3		
411	9·521 586		9·547 001		0·452 999	9·974 585		589	
412	9·521 607	21	9·547 025	24	0·452 975	9·974 582	3	588	
413	9·521 629	22	9·547 049	24	0·452 951	9·974 580	2	587	
		21		24			3		
414	9·521 650		9·547 073		0·452 927	9·974 577		586	
415	9·521 672	22	9·547 097	24	0·452 903	9·974 574	3	585	
416	9·521 693	21	9·547 122	25	0·452 878	9·974 571	3	584	
		22		24			2		
417	9·521 715		9·547 146		0·452 854	9·974 569		583	
418	9·521 736	21	9·547 170	24	0·452 830	9·974 566	3	582	
419	9·521 758	22	9·547 194	24	0·452 806	9·974 563	3	581	
		21		24			2		
.420	9·521 779		9·547 218		0·452 782	9·974 561		.580	
		22		24			3		
421	9·521 801		9·547 242		0·452 758	9·974 558		579	
422	9·521 822	21	9·547 267	25	0·452 733	9·974 555	3	578	
423	9·521 844	22	9·547 291	24	0·452 709	9·974 553	2	577	
		21		24			3		
424	9·521 865		9·547 315		0·452 685	9·974 550		576	
425	9·521 887	22	9·547 339	24	0·452 661	9·974 547	3	575	
426	9·521 908	21	9·547 363	24	0·452 637	9·974 545	2	574	
		22		24			3		
427	9·521 930		9·547 387		0·452 613	9·974 542		573	
428	9·521 951	21	9·547 412	25	0·452 588	9·974 539	3	572	
429	9·521 973	22	9·547 436	24	0·452 564	9·974 537	2	571	
		21		24			3		
.430	9·521 994		9·547 460		0·452 540	9·974 534		.570	
		21		24			3		
431	9·522 015		9·547 484		0·452 516	9·974 531		569	
432	9·522 037	22	9·547 508	24	0·452 492	9·974 529	2	568	
433	9·522 058	21	9·547 532	24	0·452 468	9·974 526	3	567	
		22		25			3		
434	9·522 080		9·547 557		0·452 443	9·974 523		566	
435	9·522 101	21	9·547 581	24	0·452 419	9·974 521	2	565	
436	9·522 123	22	9·547 605	24	0·452 395	9·974 518	3	564	
		21		24			3		
437	9·522 144		9·547 629		0·452 371	9·974 515		563	
438	9·522 166	22	9·547 653	24	0·452 347	9·974 513	2	562	
439	9·522 187	21	9·547 677	24	0·452 323	9·974 510	3	561	
		22		24			3		
.440	9·522 209		9·547 701		0·452 299	9·974 507		.560	
		21		25			2		
441	9·522 230		9·547 726		0·452 274	9·974 505		559	
442	9·522 252	22	9·547 750	24	0·452 250	9·974 502	3	558	
443	9·522 273	21	9·547 774	24	0·452 226	9·974 499	3	557	
		22		24			2		
444	9·522 295		9·547 798		0·452 202	9·974 497		556	
445	9·522 316	21	9·547 822	24	0·452 178	9·974 494	3	555	
446	9·522 338	22	9·547 846	24	0·452 154	9·974 491	3	554	
		21		25			2		
447	9·522 359		9·547 871		0·452 129	9·974 489		553	
448	9·522 381	22	9·547 895	24	0·452 105	9·974 486	3	552	
449	9·522 402	21	9·547 919	24	0·452 081	9·974 483	3	551	
		22		24			2		
.450	9·522 424		9·547 943		0·452 057	9·974 481		.550	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

70°.600 — 70°.550

19°.450 — 19°.500

19°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.522 424		9.547 943		0.452 057	9.974 481		**.550**	
		21		24			3		
451	9.522 445		9.547 967		0.452 033	9.974 478		549	
452	9.522 466	21	9.547 991	24	0.452 009	9.974 475	3	548	
453	9.522 488	22	9.548 015	24	0.451 985	9.974 473	2	547	
		21		25			3		25
454	9.522 509		9.548 040		0.451 960	9.974 470		546	1 2.5
455	9.522 531	22	9.548 064	24	0.451 936	9.974 467	3	545	2 5.0
456	9.522 552	21	9.548 088	24	0.451 912	9.974 465	2	544	3 7.5
		22		24			3		4 10.0
457	9.522 574		9.548 112		0.451 888	9.974 462		543	5 12.5
458	9.522 595	21	9.548 136	24	0.451 864	9.974 459	3	542	6 15.0
459	9.522 617	22	9.548 160	24	0.451 840	9.974 456	3	541	7 17.5
		21		24			2		8 20.0
.460	9.522 638		9.548 184		0.451 816	9.974 454		**.540**	9 22.5
		22		24			3		
461	9.522 660		9.548 208		0.451 792	9.974 451		539	
462	9.522 681	21	9.548 233	25	0.451 767	9.974 448	3	538	
463	9.522 702	21	9.548 257	24	0.451 743	9.974 446	2	537	
		22		24			3		
464	9.522 724		9.548 281		0.451 719	9.974 443		536	
465	9.522 745	21	9.548 305	24	0.451 695	9.974 440	3	535	
466	9.522 767	22	9.548 329	24	0.451 671	9.974 438	2	534	
		21		24			3		24
467	9.522 788		9.548 353		0.451 647	9.974 435		533	1 2.4
468	9.522 810	22	9.548 377	24	0.451 623	9.974 432	3	532	2 4.8
469	9.522 831	21	9.548 401	24	0.451 599	9.974 430	2	531	3 7.2
		22		25			3		4 9.6
.470	9.522 853		9.548 426		0.451 574	9.974 427		**.530**	5 12.0
		21		24			3		6 14.4
471	9.522 874		9.548 450		0.451 550	9.974 424		529	7 16.8
472	9.522 895	21	9.548 474	24	0.451 526	9.974 422	2	528	8 19.2
473	9.522 917	22	9.548 498	24	0.451 502	9.974 419	3	527	9 21.6
		21		24			3		
474	9.522 938		9.548 522		0.451 478	9.974 416		526	
475	9.522 960	22	9.548 546	24	0.451 454	9.974 414	2	525	
476	9.522 981	21	9.548 570	24	0.451 430	9.974 411	3	524	
		22		24			3		
477	9.523 003		9.548 594		0.451 406	9.974 408		523	22
478	9.523 024	21	9.548 618	24	0.451 382	9.974 406	2	522	
479	9.523 045	21	9.548 643	25	0.451 357	9.974 403	3	521	1 2.2
		22		24			3		2 4.4
.480	9.523 067		9.548 667		0.451 333	9.974 400		**.520**	3 6.6
		21		24			2		4 8.8
481	9.523 088		9.548 691		0.451 309	9.974 398		519	5 11.0
482	9.523 110	22	9.548 715	24	0.451 285	9.974 395	3	518	6 13.2
483	9.523 131	21	9.548 739	24	0.451 261	9.974 392	3	517	7 15.4
		22		24			3		8 17.6
484	9.523 153		9.548 763		0.451 237	9.974 389		516	9 19.8
485	9.523 174	21	9.548 787	24	0.451 213	9.974 387	2	515	
486	9.523 195	21	9.548 811	24	0.451 189	9.974 384	3	514	
		22		24			3		
487	9.523 217		9.548 835		0.451 165	9.974 381		513	21
488	9.523 238	21	9.548 860	25	0.451 140	9.974 379	2	512	
489	9.523 260	22	9.548 884	24	0.451 116	9.974 376	3	511	1 2.1
		21		24			3		2 4.2
.490	9.523 281		9.548 908		0.451 092	9.974 373		**.510**	3 6.3
		22		24			2		4 8.4
491	9.523 303		9.548 932		0.451 068	9.974 371		509	5 10.5
492	9.523 324	21	9.548 956	24	0.451 044	9.974 368	3	508	6 12.6
493	9.523 345	21	9.548 980	24	0.451 020	9.974 365	3	507	7 14.7
		22		24			2		8 16.8
494	9.523 367		9.549 004		0.450 996	9.974 363		506	9 18.9
495	9.523 388	21	9.549 028	24	0.450 972	9.974 360	3	505	
496	9.523 410	22	9.549 052	24	0.450 948	9.974 357	3	504	
		21		24			2		
497	9.523 431		9.549 076		0.450 924	9.974 355		503	
498	9.523 452	21	9.549 101	25	0.450 899	9.974 352	3	502	
499	9.523 474	22	9.549 125	24	0.450 875	9.974 349	3	501	
		21		24			2		
.500	9.523 495		9.549 149		0.450 851	9.974 347		**.500**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

70°.550 — 70°.500

19°.500 — 19°.550

19°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9·523 495		9·549 149		0·450 851	9·974 347		.500	
		22		24			3		
501	9·523 517		9·549 173		0·450 827	9·974 344		499	
502	9·523 538	21	9·549 197	24	0·450 803	9·974 341	3	498	
503	9·523 559	21	9·549 221	24	0·450 779	9·974 338	3	497	
		22		24			2		
504	9·523 581		9·549 245		0·450 755	9·974 336		496	
505	9·523 602	21	9·549 269	24	0·450 731	9·974 333	3	495	
506	9·523 624	22	9·549 293	24	0·450 707	9·974 330	3	494	
		21		24			2		
507	9·523 645		9·549 317		0·450 683	9·974 328		493	
508	9·523 666	21	9·549 341	24	0·450 659	9·974 325	3	492	
509	9·523 688	22	9·549 365	24	0·450 635	9·974 322	3	491	
		21		25			2		
.510	9·523 709		9·549 390		0·450 610	9·974 320		.490	
		22		24			3		
511	9·523 731		9·549 414		0·450 586	9·974 317		489	
512	9·523 752	21	9·549 438	24	0·450 562	9·974 314	3	488	
513	9·523 773	21	9·549 462	24	0·450 538	9·974 312	2	487	
		22		24			3		
514	9·523 795		9·549 486		0·450 514	9·974 309		486	
515	9·523 816	21	9·549 510	24	0·450 490	9·974 306	3	485	
516	9·523 838	22	9·549 534	24	0·450 466	9·974 304	2	484	
		21		24			3		
517	9·523 859		9·549 558		0·450 442	9·974 301		483	
518	9·523 880	21	9·549 582	24	0·450 418	9·974 298	3	482	
519	9·523 902	22	9·549 606	24	0·450 394	9·974 296	2	481	
		21		24			3		
.520	9·523 923		9·549 630		0·450 370	9·974 293		.480	
		21		24			3		
521	9·523 944		9·549 654		0·450 346	9·974 290		479	
522	9·523 966	22	9·549 678	24	0·450 322	9·974 287	3	478	
523	9·523 987	21	9·549 702	24	0·450 298	9·974 285	2	477	
		22		25			3		
524	9·524 009		9·549 727		0·450 273	9·974 282		476	
525	9·524 030	21	9·549 751	24	0·450 249	9·974 279	3	475	
526	9·524 051	21	9·549 775	24	0·450 225	9·974 277	2	474	
		22		24			3		
527	9·524 073		9·549 799		0·450 201	9·974 274		473	
528	9·524 094	21	9·549 823	24	0·450 177	9·974 271	3	472	
529	9·524 115	21	9·549 847	24	0·450 153	9·974 269	2	471	
		22		24			3		
.530	9·524 137		9·549 871		0·450 129	9·974 266		.470	
		21		24			3		
531	9·524 158		9·549 895		0·450 105	9·974 263		469	
532	9·524 180	22	9·549 919	24	0·450 081	9·974 261	2	468	
533	9·524 201	21	9·549 943	24	0·450 057	9·974 258	3	467	
		21		24			3		
534	9·524 222		9·549 967		0·450 033	9·974 255		466	
535	9·524 244	22	9·549 991	24	0·450 009	9·974 253	2	465	
536	9·524 265	21	9·550 015	24	0·449 985	9·974 250	3	464	
		21		24			3		
537	9·524 286		9·550 039		0·449 961	9·974 247		463	
538	9·524 308	22	9·550 063	24	0·449 937	9·974 244	3	462	
539	9·524 329	21	9·550 087	24	0·449 913	9·974 242	2	461	
		22		24			3		
.540	9·524 351		9·550 111		0·449 889	9·974 239		.460	
		21		24			3		
541	9·524 372		9·550 135		0·449 865	9·974 236		459	
542	9·524 393	21	9·550 160	25	0·449 840	9·974 234	2	458	
543	9·524 415	22	9·550 184	24	0·449 816	9·974 231	3	457	
		21		24			3		
544	9·524 436		9·550 208		0·449 792	9·974 228		456	
545	9·524 457	21	9·550 232	24	0·449 768	9·974 226	2	455	
546	9·524 479	22	9·550 256	24	0·449 744	9·974 223	3	454	
		21		24			3		
547	9·524 500		9·550 280		0·449 720	9·974 220		453	
548	9·524 521	21	9·550 304	24	0·449 696	9·974 218	2	452	
549	9·524 543	22	9·550 328	24	0·449 672	9·974 215	3	451	
		21		24			3		
.550	9·524 564		9·550 352		0·449 648	9·974 212		.450	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

70°.500 — 70°.450

19°.550 — 19°.600

19°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.524 564		9.550 352		0.449 648	9.974 212		**.450**	
		21		24			3		
551	9.524 585		9.550 376		0.449 624	9.974 209		449	
552	9.524 607	22	9.550 400	24	0.449 600	9.974 207	2	448	25
553	9.524 628	21	9.550 424	24	0.449 576	9.974 204	3	447	1 2.5
		21		24			3		2 5.0
554	9.524 649		9.550 448		0.449 552	9.974 201		446	3 7.5
555	9.524 671	22	9.550 472	24	0.449 528	9.974 199	2	445	4 10.0
556	9.524 692	21	9.550 496	24	0.449 504	9.974 196	3	444	5 12.5
		21		24			3		6 15.0
557	9.524 713		9.550 520		0.449 480	9.974 193		443	7 17.5
558	9.524 735	22	9.550 544	24	0.449 456	9.974 191	2	442	8 20.0
559	9.524 756	21	9.550 568	24	0.449 432	9.974 188	3	441	9 22.5
		21		24			3		
.560	9.524 777		9.550 592		0.449 408	9.974 185		**.440**	
		22		24			2		
561	9.524 799		9.550 616		0.449 384	9.974 183		439	24
562	9.524 820	21	9.550 640	24	0.449 360	9.974 180	3	438	1 2.4
563	9.524 841	21	9.550 664	24	0.449 336	9.974 177	3	437	2 4.8
		22		24			3		3 7.2
564	9.524 863		9.550 688		0.449 312	9.974 174		436	4 9.6
565	9.524 884	21	9.550 712	24	0.449 288	9.974 172	2	435	5 12.0
566	9.524 905	21	9.550 736	24	0.449 264	9.974 169	3	434	6 14.4
		22		24			3		7 16.8
567	9.524 927		9.550 760		0.449 240	9.974 166		433	8 19.2
568	9.524 948	21	9.550 784	24	0.449 216	9.974 164	2	432	9 21.6
569	9.524 969	21	9.550 808	24	0.449 192	9.974 161	3	431	
		22		24			3		
.570	9.524 991		9.550 832		0.449 168	9.974 158		**.430**	
		21		24			2		
571	9.525 012		9.550 856		0.449 144	9.974 156		429	23
572	9.525 033	21	9.550 880	24	0.449 120	9.974 153	3	428	1 2.3
573	9.525 055	22	9.550 904	24	0.449 096	9.974 150	3	427	2 4.6
		21		24			2		3 6.9
574	9.525 076		9.550 928		0.449 072	9.974 148		426	4 9.2
575	9.525 097	21	9.550 952	24	0.449 048	9.974 145	3	425	5 11.5
576	9.525 119	22	9.550 976	24	0.449 024	9.974 142	3	424	6 13.8
		21		24			3		7 16.1
577	9.525 140		9.551 000		0.449 000	9.974 139		423	8 18.4
578	9.525 161	21	9.551 025	25	0.448 975	9.974 137	2	422	9 20.7
579	9.525 183	22	9.551 049	24	0.448 951	9.974 134	3	421	
		21		24			3		
.580	9.525 204		9.551 073		0.448 927	9.974 131		**.420**	
		21		24			2		
581	9.525 225		9.551 097		0.448 903	9.974 129		419	22
582	9.525 246	21	9.551 121	24	0.448 879	9.974 126	3	418	1 2.2
583	9.525 268	22	9.551 145	24	0.448 855	9.974 123	3	417	2 4.4
		21		24			2		3 6.6
584	9.525 289		9.551 169		0.448 831	9.974 121		416	4 8.8
585	9.525 310	21	9.551 193	24	0.448 807	9.974 118	3	415	5 11.0
586	9.525 332	22	9.551 217	24	0.448 783	9.974 115	3	414	6 13.2
		21		24			3		7 15.4
587	9.525 353		9.551 241		0.448 759	9.974 112		413	8 17.6
588	9.525 374	21	9.551 265	24	0.448 735	9.974 110	2	412	9 19.8
589	9.525 396	22	9.551 289	24	0.448 711	9.974 107	3	411	
		21		24			3		
.590	9.525 417		9.551 313		0.448 687	9.974 104		**.410**	
		21		24			2		
591	9.525 438		9.551 337		0.448 663	9.974 102		409	21
592	9.525 459	21	9.551 361	24	0.448 639	9.974 099	3	408	1 2.1
593	9.525 481	22	9.551 385	24	0.448 615	9.974 096	3	407	2 4.2
		21		24			2		3 6.3
594	9.525 502		9.551 409		0.448 591	9.974 094		406	4 8.4
595	9.525 523	21	9.551 432	23	0.448 568	9.974 091	3	405	5 10.5
596	9.525 545	22	9.551 456	24	0.448 544	9.974 088	3	404	6 12.6
		21		24			3		7 14.7
597	9.525 566		9.551 480		0.448 520	9.974 085		403	8 16.8
598	9.525 587	21	9.551 504	24	0.448 496	9.974 083	2	402	9 18.9
599	9.525 609	22	9.551 528	24	0.448 472	9.974 080	3	401	
		21		24			3		
.600	9.525 630		9.551 552		0.448 448	9.974 077		**.400**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

70°.450 — 70°.400

19°.600 — 19°.650

19°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.525 630		9.551 552		0.448 448	9.974 077		**.400**	
		21		24			2		
601	9.525 651		9.551 576		0.448 424	9.974 075		399	
602	9.525 672	21	9.551 600	24	0.448 400	9.974 072	3	398	
603	9.525 694	22	9.551 624	24	0.448 376	9.974 069	3	397	
		21		24			2		
604	9.525 715		9.551 648		0.448 352	9.974 067		396	
605	9.525 736	21	9.551 672	24	0.448 328	9.974 064	3	395	
606	9.525 758	22	9.551 696	24	0.448 304	9.974 061	3	394	
		21		24			3		
607	9.525 779		9.551 720		0.448 280	9.974 058		393	
608	9.525 800	21	9.551 744	24	0.448 256	9.974 056	2	392	
609	9.525 821	21	9.551 768	24	0.448 232	9.974 053	3	391	
		22		24			3		
.610	9.525 843		9.551 792		0.448 208	9.974 050		**.390**	
		21		24			2		
611	9.525 864		9.551 816		0.448 184	9.974 048		389	
612	9.525 885	21	9.551 840	24	0.448 160	9.974 045	3	388	
613	9.525 906	21	9.551 864	24	0.448 136	9.974 042	3	387	
		22		24			2		
614	9.525 928		9.551 888		0.448 112	9.974 040		386	
615	9.525 949	21	9.551 912	24	0.448 088	9.974 037	3	385	
616	9.525 970	21	9.551 936	24	0.448 064	9.974 034	3	384	
		22		24			3		
617	9.525 992		9.551 960		0.448 040	9.974 031		383	
618	9.526 013	21	9.551 984	24	0.448 016	9.974 029	2	382	
619	9.526 034	21	9.552 008	24	0.447 992	9.974 026	3	381	
		21		24			3		
.620	9.526 055		9.552 032		0.447 968	9.974 023		**.380**	
		22		24			2		
621	9.526 077		9.552 056		0.447 944	9.974 021		379	
622	9.526 098	21	9.552 080	24	0.447 920	9.974 018	3	378	
623	9.526 119	21	9.552 104	24	0.447 896	9.974 015	3	377	
		21		24			2		
624	9.526 140		9.552 128		0.447 872	9.974 013		376	
625	9.526 162	22	9.552 152	24	0.447 848	9.974 010	3	375	
626	9.526 183	21	9.552 176	24	0.447 824	9.974 007	3	374	
		21		24			3		
627	9.526 204		9.552 200		0.447 800	9.974 004		373	
628	9.526 225	21	9.552 224	24	0.447 776	9.974 002	2	372	
629	9.526 247	22	9.552 248	24	0.447 752	9.973 999	3	371	
		21		24			3		
.630	9.526 268		9.552 272		0.447 728	9.973 996		**.370**	
		21		24			2		
631	9.526 289		9.552 296		0.447 704	9.973 994		369	
632	9.526 310	21	9.552 319	23	0.447 681	9.973 991	3	368	
633	9.526 332	22	9.552 343	24	0.447 657	9.973 988	3	367	
		21		24			2		
634	9.526 353		9.552 367		0.447 633	9.973 986		366	
635	9.526 374	21	9.552 391	24	0.447 609	9.973 983	3	365	
636	9.526 395	21	9.552 415	24	0.447 585	9.973 980	3	364	
		22		24			3		
637	9.526 417		9.552 439		0.447 561	9.973 977		363	
638	9.526 438	21	9.552 463	24	0.447 537	9.973 975	2	362	
639	9.526 459	21	9.552 487	24	0.447 513	9.973 972	3	361	
		21		24			3		
.640	9.526 480		9.552 511		0.447 489	9.973 969		**.360**	
		22		24			2		
641	9.526 502		9.552 535		0.447 465	9.973 967		359	
642	9.526 523	21	9.552 559	24	0.447 441	9.973 964	3	358	
643	9.526 544	21	9.552 583	24	0.447 417	9.973 961	3	357	
		21		24			3		
644	9.526 565		9.552 607		0.447 393	9.973 958		356	
645	9.526 587	22	9.552 631	24	0.447 369	9.973 956	2	355	
646	9.526 608	21	9.552 655	24	0.447 345	9.973 953	3	354	
		21		24			3		
647	9.526 629		9.552 679		0.447 321	9.973 950		353	
648	9.526 650	21	9.552 703	24	0.447 297	9.973 948	2	352	
649	9.526 671	21	9.552 727	24	0.447 273	9.973 945	3	351	
		22		23			3		
.650	9.526 693		9.552 750		0.447 250	9.973 942		**.350**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

70°.400 — 70°.350

19°.650 — 19°.700

19°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9·526 693		9·552 750		0·447 250	9·973 942		**.350**	
		21		24			2		
651	9·526 714		9·552 774		0·447 226	9·973 940		349	
652	9·526 735	21	9·552 798	24	0·447 202	9·973 937	3	348	
653	9·526 756	21	9·552 822	24	0·447 178	9·973 934	3	347	
		22		24			3		
654	9·526 778		9·552 846		0·447 154	9·973 931		346	
655	9·526 799	21	9·552 870	24	0·447 130	9·973 929	2	345	
656	9·526 820	21	9·552 894	24	0·447 106	9·973 926	3	344	
		21		24			3		
657	9·526 841		9·552 918		0·447 082	9·973 923		343	
658	9·526 862	21	9·552 942	24	0·447 058	9·973 921	2	342	
659	9·526 884	22	9·552 966	24	0·447 034	9·973 918	3	341	
		21		24			3		
.660	9·526 905		9·552 990		0·447 010	9·973 915		**.340**	
		21		24			3		
661	9·526 926		9·553 014		0·446 986	9·973 912		339	
662	9·526 947	21	9·553 038	24	0·446 962	9·973 910	2	338	
663	9·526 969	22	9·553 062	24	0·446 938	9·973 907	3	337	
		21		23			3		
664	9·526 990		9·553 085		0·446 915	9·973 904		336	
665	9·527 011	21	9·553 109	24	0·446 891	9·973 902	2	335	
666	9·527 032	21	9·553 133	24	0·446 867	9·973 899	3	334	
		21		24			3		
667	9·527 053		9·553 157		0·446 843	9·973 896		333	
668	9·527 075	22	9·553 181	24	0·446 819	9·973 894	2	332	
669	9·527 096	21	9·553 205	24	0·446 795	9·973 891	3	331	
		21		24			3		
.670	9·527 117		9·553 229		0·446 771	9·973 888		**.330**	
		21		24			3		
671	9·527 138		9·553 253		0·446 747	9·973 885		329	
672	9·527 159	21	9·553 277	24	0·446 723	9·973 883	2	328	
673	9·527 181	22	9·553 301	24	0·446 699	9·973 880	3	327	
		21		24			3		
674	9·527 202		9·553 325		0·446 675	9·973 877		326	
675	9·527 223	21	9·553 348	23	0·446 652	9·973 875	2	325	
676	9·527 244	21	9·553 372	24	0·446 628	9·973 872	3	324	
		21		24			3		
677	9·527 265		9·553 396		0·446 604	9·973 869		323	
678	9·527 287	22	9·553 420	24	0·446 580	9·973 866	3	322	
679	9·527 308	21	9·553 444	24	0·446 556	9·973 864	2	321	
		21		24			3		
.680	9·527 329		9·553 468		0·446 532	9·973 861		**.320**	
		21		24			3		
681	9·527 350		9·553 492		0·446 508	9·973 858		319	
682	9·527 371	21	9·553 516	24	0·446 484	9·973 856	2	318	
683	9·527 393	22	9·553 540	24	0·446 460	9·973 853	3	317	
		21		24			3		
684	9·527 414		9·553 564		0·446 436	9·973 850		316	
685	9·527 435	21	9·553 588	24	0·446 412	9·973 847	3	315	
686	9·527 456	21	9·553 611	23	0·446 389	9·973 845	2	314	
		21		24			3		
687	9·527 477		9·553 635		0·446 365	9·973 842		313	
688	9·527 499	22	9·553 659	24	0·446 341	9·973 839	3	312	
689	9·527 520	21	9·553 683	24	0·446 317	9·973 837	2	311	
		21		24			3		
.690	9·527 541		9·553 707		0·446 293	9·973 834		**.310**	
		21		24			3		
691	9·527 562		9·553 731		0·446 269	9·973 831		309	
692	9·527 583	21	9·553 755	24	0·446 245	9·973 828	3	308	
693	9·527 604	21	9·553 779	24	0·446 221	9·973 826	2	307	
		22		24			3		
694	9·527 626		9·553 803		0·446 197	9·973 823		306	
695	9·527 647	21	9·553 826	23	0·446 174	9·973 820	3	305	
696	9·527 668	21	9·553 850	24	0·446 150	9·973 818	2	304	
		21		24			3		
697	9·527 689		9·553 874		0·446 126	9·973 815		303	
698	9·527 710	21	9·553 898	24	0·446 102	9·973 812	3	302	
699	9·527 731	21	9·553 922	24	0·446 078	9·973 809	3	301	
		22		24			2		
.700	9·527 753		9·553 946		0·446 054	9·973 807		**.300**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

70°.350 — 70°.300

19°.700 — 19°.750

19°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9·527 753		9·553 946		0·446 054	9·973 807		**.300**	
		21		24			3		
701	9·527 774		9·553 970		0·446 030	9·973 804		299	
702	9·527 795	21	9·553 994	24	0·446 006	9·973 801	3	298	
703	9·527 816	21	9·554 018	24	0·445 982	9·973 799	2	297	
		21		23			3		
704	9·527 837		9·554 041		0·445 959	9·973 796		296	
705	9·527 858	21	9·554 065	24	0·445 935	9·973 793	3	295	
706	9·527 880	22	9·554 089	24	0·445 911	9·973 790	3	294	
		21		24			2		
707	9·527 901		9·554 113		0·445 887	9·973 788		293	
708	9·527 922	21	9·554 137	24	0·445 863	9·973 785	3	292	
709	9·527 943	21	9·554 161	24	0·445 839	9·973 782	3	291	
		21		24			2		
.710	9·527 964		9·554 185		0·445 815	9·973 780		**.290**	
		21		24			3		
711	9·527 985		9·554 209		0·445 791	9·973 777		289	
712	9·528 007	22	9·554 232	23	0·445 768	9·973 774	3	288	
713	9·528 028	21	9·554 256	24	0·445 744	9·973 771	3	287	
		21		24			2		
714	9·528 049		9·554 280		0·445 720	9·973 769		286	
715	9·528 070	21	9·554 304	24	0·445 696	9·973 766	3	285	
716	9·528 091	21	9·554 328	24	0·445 672	9·973 763	3	284	
		21		24			2		
717	9·528 112		9·554 352		0·445 648	9·973 761		283	
718	9·528 134	22	9·554 376	24	0·445 624	9·973 758	3	282	
719	9·528 155	21	9·554 400	24	0·445 600	9·973 755	3	281	
		21		23			3		
.720	9·528 176		9·554 423		0·445 577	9·973 752		**.280**	
		21		24			2		
721	9·528 197		9·554 447		0·445 553	9·973 750		279	
722	9·528 218	21	9·554 471	24	0·445 529	9·973 747	3	278	
723	9·528 239	21	9·554 495	24	0·445 505	9·973 744	3	277	
		21		24			2		
724	9·528 260		9·554 519		0·445 481	9·973 742		276	
725	9·528 282	22	9·554 543	24	0·445 457	9·973 739	3	275	
726	9·528 303	21	9·554 567	24	0·445 433	9·973 736	3	274	
		21		23			3		
727	9·528 324		9·554 590		0·445 410	9·973 733		273	
728	9·528 345	21	9·554 614	24	0·445 386	9·973 731	2	272	
729	9·528 366	21	9·554 638	24	0·445 362	9·973 728	3	271	
		21		24			3		
.730	9·528 387		9·554 662		0·445 338	9·973 725		**.270**	
		21		24			2		
731	9·528 408		9·554 686		0·445 314	9·973 723		269	
732	9·528 429	21	9·554 710	24	0·445 290	9·973 720	3	268	
733	9·528 451	22	9·554 734	24	0·445 266	9·973 717	3	267	
		21		23			3		
734	9·528 472		9·554 757		0·445 243	9·973 714		266	
735	9·528 493	21	9·554 781	24	0·445 219	9·973 712	2	265	
736	9·528 514	21	9·554 805	24	0·445 195	9·973 709	3	264	
		21		24			3		
737	9·528 535		9·554 829		0·445 171	9·973 706		263	
738	9·528 556	21	9·554 853	24	0·445 147	9·973 703	3	262	
739	9·528 577	21	9·554 877	24	0·445 123	9·973 701	2	261	
		22		23			3		
.740	9·528 599		9·554 900		0·445 100	9·973 698		**.260**	
		21		24			3		
741	9·528 620		9·554 924		0·445 076	9·973 695		259	
742	9·528 641	21	9·554 948	24	0·445 052	9·973 693	2	258	
743	9·528 662	21	9·554 972	24	0·445 028	9·973 690	3	257	
		21		24			3		
744	9·528 683		9·554 996		0·445 004	9·973 687		256	
745	9·528 704	21	9·555 020	24	0·444 980	9·973 684	3	255	
746	9·528 725	21	9·555 043	23	0·444 957	9·973 682	2	254	
		21		24			3		
747	9·528 746		9·555 067		0·444 933	9·973 679		253	
748	9·528 767	21	9·555 091	24	0·444 909	9·973 676	3	252	
749	9·528 789	22	9·555 115	24	0·444 885	9·973 674	2	251	
		21		24			3		
.750	9·528 810		9·555 139		0·444 861	9·973 671		**.250**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

70°.300 — 70°.250

19°.750 — 19°.800

19°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9·528 810		9·555 139		0·444 861	9·973 671		.250	
		21		24			3		
751	9·528 831		9·555 163		0·444 837	9·973 668		249	
752	9·528 852	21	9·555 186	23	0·444 814	9·973 665	3	248	
753	9·528 873	21	9·555 210	24	0·444 790	9·973 663	2	247	
		21		24			3		
754	9·528 894		9·555 234		0·444 766	9·973 660		246	
755	9·528 915	21	9·555 258	24	0·444 742	9·973 657	3	245	
756	9·528 936	21	9·555 282	24	0·444 718	9·973 655	2	244	
		21		24			3		
757	9·528 957		9·555 306		0·444 694	9·973 652		243	
758	9·528 979	22	9·555 329	23	0·444 671	9·973 649	3	242	
759	9·529 000	21	9·555 353	24	0·444 647	9·973 646	3	241	
		21		24			2		
.760	9·529 021		9·555 377		0·444 623	9·973 644		.240	
		21		24			3		
761	9·529 042		9·555 401		0·444 599	9·973 641		239	
762	9·529 063	21	9·555 425	24	0·444 575	9·973 638	3	238	
763	9·529 084	21	9·555 449	24	0·444 551	9·973 635	3	237	
		21		23			2		
764	9·529 105		9·555 472		0·444 528	9·973 633		236	
765	9·529 126	21	9·555 496	24	0·444 504	9·973 630	3	235	
766	9·529 147	21	9·555 520	24	0·444 480	9·973 627	3	234	
		21		24			2		
767	9·529 168		9·555 544		0·444 456	9·973 625		233	
768	9·529 190	22	9·555 568	24	0·444 432	9·973 622	3	232	
769	9·529 211	21	9·555 591	23	0·444 409	9·973 619	3	231	
		21		24			3		
.770	9·529 232		9·555 615		0·444 385	9·973 616		.230	
		21		24			2		
771	9·529 253		9·555 639		0·444 361	9·973 614		229	
772	9·529 274	21	9·555 663	24	0·444 337	9·973 611	3	228	
773	9·529 295	21	9·555 687	24	0·444 313	9·973 608	3	227	
		21		24			3		
774	9·529 316		9·555 711		0·444 289	9·973 605		226	
775	9·529 337	21	9·555 734	23	0·444 266	9·973 603	2	225	
776	9·529 358	21	9·555 758	24	0·444 242	9·973 600	3	224	
		21		24			3		
777	9·529 379		9·555 782		0·444 218	9·973 597		223	
778	9·529 400	21	9·555 806	24	0·444 194	9·973 595	2	222	
779	9·529 421	21	9·555 830	24	0·444 170	9·973 592	3	221	
		22		23			3		
.780	9·529 443		9·555 853		0·444 147	9·973 589		.220	
		21		24			3		
781	9·529 464		9·555 877		0·444 123	9·973 586		219	
782	9·529 485	21	9·555 901	24	0·444 099	9·973 584	2	218	
783	9·529 506	21	9·555 925	24	0·444 075	9·973 581	3	217	
		21		24			3		
784	9·529 527		9·555 949		0·444 051	9·973 578		216	
785	9·529 548	21	9·555 972	23	0·444 028	9·973 576	2	215	
786	9·529 569	21	9·555 996	24	0·444 004	9·973 573	3	214	
		21		24			3		
787	9·529 590		9·556 020		0·443 980	9·973 570		213	
788	9·529 611	21	9·556 044	24	0·443 956	9·973 567	3	212	
789	9·529 632	21	9·556 068	24	0·443 932	9·973 565	2	211	
		21		23			3		
.790	9·529 653		9·556 091		0·443 909	9·973 562		.210	
		21		24			3		
791	9·529 674		9·556 115		0·443 885	9·973 559		209	
792	9·529 695	21	9·556 139	24	0·443 861	9·973 556	3	208	
793	9·529 716	21	9·556 163	24	0·443 837	9·973 554	2	207	
		21		24			3		
794	9·529 737		9·556 187		0·443 813	9·973 551		206	
795	9·529 759	22	9·556 210	23	0·443 790	9·973 548	3	205	
796	9·529 780	21	9·556 234	24	0·443 766	9·973 546	2	204	
		21		24			3		
797	9·529 801		9·556 258		0·443 742	9·973 543		203	
798	9·529 822	21	9·556 282	24	0·443 718	9·973 540	3	202	
799	9·529 843	21	9·556 305	23	0·443 695	9·973 537	3	201	
		21		24			2		
.800	9·529 864		9·556 329		0·443 671	9·973 535		.200	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

70°.250 — 70°.200

19°.800 — 19°.850

19°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9·529 864		9·556 329		0·443 671	9·973 535		**.200**	
		21		24			3		
801	9·529 885		9·556 353		0·443 647	9·973 532		199	
802	9·529 906	21	9·556 377	24	0·443 623	9·973 529	3	198	
803	9·529 927	21	9·556 401	24	0·443 599	9·973 526	3	197	
		21		23			2		24
804	9·529 948		9·556 424		0·443 576	9·973 524		196	1 2.4
805	9·529 969	21	9·556 448	24	0·443 552	9·973 521	3	195	2 4.8
806	9·529 990	21	9·556 472	24	0·443 528	9·973 518	3	194	3 7.2
		21		24			3		4 9.6
807	9·530 011		9·556 496		0·443 504	9·973 515		193	5 12.0
808	9·530 032	21	9·556 519	23	0·443 481	9·973 513	2	192	6 14.4
809	9·530 053	21	9·556 543	24	0·443 457	9·973 510	3	191	7 16.8
		21		24			3		8 19.2
.810	9·530 074		9·556 567		0·443 433	9·973 507		**.190**	9 21.6
		21		24			2		
811	9·530 095		9·556 591		0·443 409	9·973 505		189	
812	9·530 116	21	9·556 615	24	0·443 385	9·973 502	3	188	
813	9·530 137	21	9·556 638	23	0·443 362	9·973 499	3	187	
		21		24			3		
814	9·530 158		9·556 662		0·443 338	9·973 496		186	
815	9·530 179	21	9·556 686	24	0·443 314	9·973 494	2	185	
816	9·530 201	22	9·556 710	24	0·443 290	9·973 491	3	184	23
		21		23			3		
817	9·530 222		9·556 733		0·443 267	9·973 488		183	1 2.3
818	9·530 243	21	9·556 757	24	0·443 243	9·973 485	3	182	2 4.6
819	9·530 264	21	9·556 781	24	0·443 219	9·973 483	2	181	3 6.9
		21		24			3		4 9.2
.820	9·530 285		9·556 805		0·443 195	9·973 480		**.180**	5 11.5
		21		23			3		6 13.8
821	9·530 306		9·556 828		0·443 172	9·973 477		179	7 16.1
822	9·530 327	21	9·556 852	24	0·443 148	9·973 475	2	178	8 18.4
823	9·530 348	21	9·556 876	24	0·443 124	9·973 472	3	177	9 20.7
		21		24			3		
824	9·530 369		9·556 900		0·443 100	9·973 469		176	
825	9·530 390	21	9·556 923	23	0·443 077	9·973 466	3	175	
826	9·530 411	21	9·556 947	24	0·443 053	9·973 464	2	174	
		21		24			3		
827	9·530 432		9·556 971		0·443 029	9·973 461		173	22
828	9·530 453	21	9·556 995	24	0·443 005	9·973 458	3	172	
829	9·530 474	21	9·557 019	24	0·442 981	9·973 455	3	171	1 2.2
		21		23			2		2 4.4
.830	9·530 495		9·557 042		0·442 958	9·973 453		**.170**	3 6.6
		21		24			3		4 8.8
831	9·530 516		9·557 066		0·442 934	9·973 450		169	5 11.0
832	9·530 537	21	9·557 090	24	0·442 910	9·973 447	3	168	6 13.2
833	9·530 558	21	9·557 114	24	0·442 886	9·973 444	3	167	7 15.4
		21		23			2		8 17.6
834	9·530 579		9·557 137		0·442 863	9·973 442		166	9 19.8
835	9·530 600	21	9·557 161	24	0·442 839	9·973 439	3	165	
836	9·530 621	21	9·557 185	24	0·442 815	9·973 436	3	164	
		21		24			2		
837	9·530 642		9·557 209		0·442 791	9·973 434		163	
838	9·530 663	21	9·557 232	23	0·442 768	9·973 431	3	162	
839	9·530 684	21	9·557 256	24	0·442 744	9·973 428	3	161	21
		21		24			3		
.840	9·530 705		9·557 280		0·442 720	9·973 425		**.160**	1 2.1
		21		23			2		2 4.2
841	9·530 726		9·557 303		0·442 697	9·973 423		159	3 6.3
842	9·530 747	21	9·557 327	24	0·442 673	9·973 420	3	158	4 8.4
843	9·530 768	21	9·557 351	24	0·442 649	9·973 417	3	157	5 10.5
		21		24			3		6 12.6
844	9·530 789		9·557 375		0·442 625	9·973 414		156	7 14.7
845	9·530 810	21	9·557 398	23	0·442 602	9·973 412	2	155	8 16.8
846	9·530 831	21	9·557 422	24	0·442 578	9·973 409	3	154	9 18.9
		21		24			3		
847	9·530 852		9·557 446		0·442 554	9·973 406		153	
848	9·530 873	21	9·557 470	24	0·442 530	9·973 403	3	152	
849	9·530 894	21	9·557 493	23	0·442 507	9·973 401	2	151	
		21		24			3		
.850	9·530 915		9·557 517		0·442 483	9·973 398		**.150**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

70°.200 — 70°.150

19°.850 — 19°.900

19°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9·530 915		9·557 517		0·442 483	9·973 398		**.150**	
		21		24			3		
851	9·530 936		9·557 541		0·442 459	9·973 395		149	
852	9·530 957	21	9·557 565	24	0·442 435	9·973 392	3	148	
853	9·530 978	21	9·557 588	23	0·442 412	9·973 390	3	147	
		21		24			2		
854	9·530 999		9·557 612		0·442 388	9·973 387	3	146	
855	9·531 020	21	9·557 636	24	0·442 364	9·973 384	3	145	
856	9·531 041	21	9·557 659	23	0·442 341	9·973 382	2	144	
		21		24			3		
857	9·531 062		9·557 683		0·442 317	9·973 379		143	
858	9·531 083	21	9·557 707	24	0·442 293	9·973 376	3	142	
859	9·531 104	21	9·557 731	24	0·442 269	9·973 373	3	141	
		21		23			2		
.860	9·531 125		9·557 754		0·442 246	9·973 371		**.140**	
		21		24			3		
861	9·531 146		9·557 778		0·442 222	9·973 368		139	
862	9·531 167	21	9·557 802	24	0·442 198	9·973 365	3	138	
863	9·531 188	21	9·557 826	24	0·442 174	9·973 362	3	137	
		21		23			2		
864	9·531 209		9·557 849		0·442 151	9·973 360		136	
865	9·531 230	21	9·557 873	24	0·442 127	9·973 357	3	135	
866	9·531 251	21	9·557 897	24	0·442 103	9·973 354	3	134	
		21		23			3		
867	9·531 272		9·557 920		0·442 080	9·973 351		133	
868	9·531 293	21	9·557 944	24	0·442 056	9·973 349	2	132	
869	9·531 314	21	9·557 968	24	0·442 032	9·973 346	3	131	
		21		24			3		
.870	9·531 335		9·557 992		0·442 008	9·973 343		**.130**	
		21		23			3		
871	9·531 356		9·558 015		0·441 985	9·973 340		129	
872	9·531 377	21	9·558 039	24	0·441 961	9·973 338	2	128	
873	9·531 398	21	9·558 063	24	0·441 937	9·973 335	3	127	
		21		23			3		
874	9·531 419		9·558 086		0·441 914	9·973 332		126	
875	9·531 440	21	9·558 110	24	0·441 890	9·973 330	2	125	
876	9·531 461	21	9·558 134	24	0·441 866	9·973 327	3	124	
		21		24			3		
877	9·531 482		9·558 158		0·441 842	9·973 324		123	
878	9·531 503	21	9·558 181	23	0·441 819	9·973 321	3	122	
879	9·531 523	20	9·558 205	24	0·441 795	9·973 319	2	121	
		21		24			3		
.880	9·531 544		9·558 229		0·441 771	9·973 316		**.120**	
		21		23			3		
881	9·531 565		9·558 252		0·441 748	9·973 313		119	
882	9·531 586	21	9·558 276	24	0·441 724	9·973 310	3	118	
883	9·531 607	21	9·558 300	24	0·441 700	9·973 308	2	117	
		21		23			3		
884	9·531 628		9·558 323		0·441 677	9·973 305		116	
885	9·531 649	21	9·558 347	24	0·441 653	9·973 302	3	115	
886	9·531 670	21	9·558 371	24	0·441 629	9·973 299	3	114	
		21		24			2		
887	9·531 691		9·558 395		0·441 605	9·973 297		113	
888	9·531 712	21	9·558 418	23	0·441 582	9·973 294	3	112	
889	9·531 733	21	9·558 442	24	0·441 558	9·973 291	3	111	
		21		24			3		
.890	9·531 754		9·558 466		0·441 534	9·973 288		**.110**	
		21		23			2		
891	9·531 775		9·558 489		0·441 511	9·973 286		109	
892	9·531 796	21	9·558 513	24	0·441 487	9·973 283	3	108	
893	9·531 817	21	9·558 537	24	0·441 463	9·973 280	3	107	
		21		23			3		
894	9·531 838		9·558 560		0·441 440	9·973 277		106	
895	9·531 859	21	9·558 584	24	0·441 416	9·973 275	2	105	
896	9·531 880	21	9·558 608	24	0·441 392	9·973 272	3	104	
		21		23			3		
897	9·531 901		9·558 631		0·441 369	9·973 269		103	
898	9·531 922	21	9·558 655	24	0·441 345	9·973 266	3	102	
899	9·531 943	21	9·558 679	24	0·441 321	9·973 264	2	101	
		20		24			3		
.900	9·531 963		9·558 703		0·441 297	9·973 261		**.100**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

70°.150 — 70°.100

19°.900 — 19°.950

19°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9·531 963		9·558 703		0·441 297	9·973 261		.100	
		21		23			3		
901	9·531 984		9·558 726		0·441 274	9·973 258		099	
902	9·532 005	21	9·558 750	24	0·441 250	9·973 255	3	098	
903	9·532 026	21	9·558 774	24	0·441 226	9·973 253	2	097	
		21		23			3		
904	9·532 047		9·558 797		0·441 203	9·973 250		096	
905	9·532 068	21	9·558 821	24	0·441 179	9·973 247	3	095	
906	9·532 089	21	9·558 845	24	0·441 155	9·973 244	3	094	
		21		23			2		
907	9·532 110		9·558 868		0·441 132	9·973 242		093	
908	9·532 131	21	9·558 892	24	0·441 108	9·973 239	3	092	
909	9·532 152	21	9·558 916	24	0·441 084	9·973 236	3	091	
		21		23			2		
.910	9·532 173		9·558 939		0·441 061	9·973 234		.090	
		21		24			3		
911	9·532 194		9·558 963		0·441 037	9·973 231		089	
912	9·532 215	21	9·558 987	24	0·441 013	9·973 228	3	088	
913	9·532 236	21	9·559 010	23	0·440 990	9·973 225	3	087	
		20		24			2		
914	9·532 256		9·559 034		0·440 966	9·973 223		086	
915	9·532 277	21	9·559 058	24	0·440 942	9·973 220	3	085	
916	9·532 298	21	9·559 081	23	0·440 919	9·973 217	3	084	
		21		24			3		
917	9·532 319		9·559 105		0·440 895	9·973 214		083	
918	9·532 340	21	9·559 129	24	0·440 871	9·973 212	2	082	
919	9·532 361	21	9·559 152	23	0·440 848	9·973 209	3	081	
		21		24			3		
.920	9·532 382		9·559 176		0·440 824	9·973 206		.080	
		21		24			3		
921	9·532 403		9·559 200		0·440 800	9·973 203		079	
922	9·532 424	21	9·559 223	23	0·440 777	9·973 201	2	078	
923	9·532 445	21	9·559 247	24	0·440 753	9·973 198	3	077	
		21		24			3		
924	9·532 466		9·559 271		0·440 729	9·973 195		076	
925	9·532 487	21	9·559 294	23	0·440 706	9·973 192	3	075	
926	9·532 507	20	9·559 318	24	0·440 682	9·973 190	2	074	
		21		24			3		
927	9·532 528		9·559 342		0·440 658	9·973 187		073	
928	9·532 549	21	9·559 365	23	0·440 635	9·973 184	3	072	
929	9·532 570	21	9·559 389	24	0·440 611	9·973 181	3	071	
		21		24			2		
.930	9·532 591		9·559 413		0·440 587	9·973 179		.070	
		21		23			3		
931	9·532 612		9·559 436		0·440 564	9·973 176		069	
932	9·532 633	21	9·559 460	24	0·440 540	9·973 173	3	068	
933	9·532 654	21	9·559 484	24	0·440 516	9·973 170	3	067	
		21		23			2		
934	9·532 675		9·559 507		0·440 493	9·973 168		066	
935	9·532 696	21	9·559 531	24	0·440 469	9·973 165	3	065	
936	9·532 717	21	9·559 554	23	0·440 446	9·973 162	3	064	
		20		24			3		
937	9·532 737		9·559 578		0·440 422	9·973 159		063	
938	9·532 758	21	9·559 602	24	0·440 398	9·973 157	2	062	
939	9·532 779	21	9·559 625	23	0·440 375	9·973 154	3	061	
		21		24			3		
.940	9·532 800		9·559 649		0·440 351	9·973 151		.060	
		21		24			3		
941	9·532 821		9·559 673		0·440 327	9·973 148		059	
942	9·532 842	21	9·559 696	23	0·440 304	9·973 146	2	058	
943	9·532 863	21	9·559 720	24	0·440 280	9·973 143	3	057	
		21		24			3		
944	9·532 884		9·559 744		0·440 256	9·973 140		056	
945	9·532 905	21	9·559 767	23	0·440 233	9·973 137	3	055	
946	9·532 925	20	9·559 791	24	0·440 209	9·973 135	2	054	
		21		24			3		
947	9·532 946		9·559 815		0·440 185	9·973 132		053	
948	9·532 967	21	9·559 838	23	0·440 162	9·973 129	3	052	
949	9·532 988	21	9·559 862	24	0·440 138	9·973 126	3	051	
		21		23			2		
.950	9·533 009		9·559 885		0·440 115	9·973 124		.050	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

70°.100 — 70°.050

19°.950 — 20°.000

19°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9·533 009		9·559 885		0·440 115	9·973 124		.050	
		21		24			3		
951	9·533 030		9·559 909		0·440 091	9·973 121		049	
952	9·533 051	21	9·559 933	24	0·440 067	9·973 118	3	048	
953	9·533 072	21	9·559 956	23	0·440 044	9·973 115	3	047	
		21		24			2		24
954	9·533 093		9·559 980		0·440 020	9·973 113		046	1 2.4
955	9·533 113	20	9·560 004	24	0·439 996	9·973 110	3	045	2 4.8
956	9·533 134	21	9·560 027	23	0·439 973	9·973 107	3	044	3 7.2
		21		24			3		4 9.6
957	9·533 155		9·560 051		0·439 949	9·973 104		043	5 12.0
958	9·533 176	21	9·560 074	23	0·439 926	9·973 102	2	042	6 14.4
959	9·533 197	21	9·560 098	24	0·439 902	9·973 099	3	041	7 16.8
		21		24			3		8 19.2
.960	9·533 218		9·560 122		0·439 878	9·973 096		.040	9 21.6
		21		23			3		
961	9·533 239		9·560 145		0·439 855	9·973 093		039	
962	9·533 259	20	9·560 169	24	0·439 831	9·973 091	2	038	
963	9·533 280	21	9·560 193	24	0·439 807	9·973 088	3	037	
		21		23			3		
964	9·533 301		9·560 216		0·439 784	9·973 085		036	
965	9·533 322	21	9·560 240	24	0·439 760	9·973 082	3	035	
966	9·533 343	21	9·560 263	23	0·439 737	9·973 080	2	034	23
		21		24			3		1 2.3
967	9·533 364		9·560 287		0·439 713	9·973 077		033	2 4.6
968	9·533 385	21	9·560 311	24	0·439 689	9·973 074	3	032	3 6.9
969	9·533 406	21	9·560 334	23	0·439 666	9·973 071	3	031	4 9.2
		20		24			2		5 11.5
.970	9·533 426		9·560 358		0·439 642	9·973 069		.030	6 13.8
		21		24			3		7 16.1
971	9·533 447		9·560 382		0·439 618	9·973 066		029	8 18.4
972	9·533 468	21	9·560 405	23	0·439 595	9·973 063	3	028	9 20.7
973	9·533 489	21	9·560 429	24	0·439 571	9·973 060	3	027	
		21		23			3		
974	9·533 510		9·560 452		0·439 548	9·973 057		026	
975	9·533 531	21	9·560 476	24	0·439 524	9·973 055	2	025	
976	9·533 552	21	9·560 500	24	0·439 500	9·973 052	3	024	
		20		23			3		
977	9·533 572		9·560 523		0·439 477	9·973 049		023	21
978	9·533 593	21	9·560 547	24	0·439 453	9·973 046	3	022	1 2.1
979	9·533 614	21	9·560 570	23	0·439 430	9·973 044	2	021	2 4.2
		21		24			3		3 6.3
.980	9·533 635		9·560 594		0·439 406	9·973 041		.020	4 8.4
		21		24			3		5 10.5
981	9·533 656		9·560 618		0·439 382	9·973 038		019	6 12.6
982	9·533 677	21	9·560 641	23	0·439 359	9·973 035	3	018	7 14.7
983	9·533 697	20	9·560 665	24	0·439 335	9·973 033	2	017	8 16.8
		21		23			3		9 18.9
984	9·533 718		9·560 688		0·439 312	9·973 030		016	
985	9·533 739	21	9·560 712	24	0·439 288	9·973 027	3	015	
986	9·533 760	21	9·560 736	24	0·439 264	9·973 024	3	014	
		21		23			2		
987	9·533 781		9·560 759		0·439 241	9·973 022		013	20
988	9·533 802	21	9·560 783	24	0·439 217	9·973 019	3	012	1 2.0
989	9·533 823	21	9·560 806	23	0·439 194	9·973 016	3	011	2 4.0
		20		24			3		3 6.0
.990	9·533 843		9·560 830		0·439 170	9·973 013		.010	4 8.0
		21		24			2		5 10.0
991	9·533 864		9·560 854		0·439 146	9·973 011		009	6 12.0
992	9·533 885	21	9·560 877	23	0·439 123	9·973 008	3	008	7 14.0
993	9·533 906	21	9·560 901	24	0·439 099	9·973 005	3	007	8 16.0
		21		23			3		9 18.0
994	9·533 927		9·560 924		0·439 076	9·973 002		006	
995	9·533 948	21	9·560 948	24	0·439 052	9·973 000	2	005	
996	9·533 968	20	9·560 972	24	0·439 028	9·972 997	3	004	
		21		23			3		
997	9·533 989		9·560 995		0·439 005	9·972 994		003	
998	9·534 010	21	9·561 019	24	0·438 981	9·972 991	3	002	
999	9·534 031	21	9·561 042	23	0·438 958	9·972 989	2	001	
		21		24			3		
*000	9·534 052		9·561 066		0·438 934	9·972 986		.000	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.050 — 70°.000

20°.000 — 20°.050

20°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9·534 052		9·561 066		0·438 934	9·972 986		*000	
		21		23			3		
001	9·534 073		9·561 089		0·438 911	9·972 983		999	
002	9·534 093	20	9·561 113	24	0·438 887	9·972 980	3	998	
003	9·534 114	21	9·561 137	24	0·438 863	9·972 978	2	997	
		21		23			3		
004	9·534 135		9·561 160		0·438 840	9·972 975		996	
005	9·534 156	21	9·561 184	24	0·438 816	9·972 972	3	995	
006	9·534 177	21	9·561 207	23	0·438 793	9·972 969	3	994	
		20		24			2		
007	9·534 197		9·561 231		0·438 769	9·972 967		993	
008	9·534 218	21	9·561 255	24	0·438 745	9·972 964	3	992	
009	9·534 239	21	9·561 278	23	0·438 722	9·972 961	3	991	
		21		24			3		
.010	9·534 260		9·561 302		0·438 698	9·972 958		.990	
		21		23			3		
011	9·534 281		9·561 325		0·438 675	9·972 955		989	
012	9·534 302	21	9·561 349	24	0·438 651	9·972 953	2	988	
013	9·534 322	20	9·561 372	23	0·438 628	9·972 950	3	987	
		21		24			3		
014	9·534 343		9·561 396		0·438 604	9·972 947		986	
015	9·534 364	21	9·561 420	24	0·438 580	9·972 944	3	985	
016	9·534 385	21	9·561 443	23	0·438 557	9·972 942	2	984	
		21		24			3		
017	9·534 406		9·561 467		0·438 533	9·972 939		983	
018	9·534 426	20	9·561 490	23	0·438 510	9·972 936	3	982	
019	9·534 447	21	9·561 514	24	0·438 486	9·972 933	3	981	
		21		23			2		
.020	9·534 468		9·561 537		0·438 463	9·972 931		.980	
		21		24			3		
021	9·534 489		9·561 561		0·438 439	9·972 928		979	
022	9·534 510	21	9·561 584	23	0·438 416	9·972 925	3	978	
023	9·534 530	20	9·561 608	24	0·438 392	9·972 922	3	977	
		21		24			2		
024	9·534 551		9·561 632		0·438 368	9·972 920		976	
025	9·534 572	21	9·561 655	23	0·438 345	9·972 917	3	975	
026	9·534 593	21	9·561 679	24	0·438 321	9·972 914	3	974	
		21		23			3		
027	9·534 614		9·561 702		0·438 298	9·972 911		973	
028	9·534 634	20	9·561 726	24	0·438 274	9·972 909	2	972	
029	9·534 655	21	9·561 749	23	0·438 251	9·972 906	3	971	
		21		24			3		
.030	9·534 676		9·561 773		0·438 227	9·972 903		.970	
		21		24			3		
031	9·534 697		9·561 797		0·438 203	9·972 900		969	
032	9·534 718	21	9·561 820	23	0·438 180	9·972 897	3	968	
033	9·534 738	20	9·561 844	24	0·438 156	9·972 895	2	967	
		21		23			3		
034	9·534 759		9·561 867		0·438 133	9·972 892		966	
035	9·534 780	21	9·561 891	24	0·438 109	9·972 889	3	965	
036	9·534 801	21	9·561 914	23	0·438 086	9·972 886	3	964	
		20		24			2		
037	9·534 821		9·561 938		0·438 062	9·972 884		963	
038	9·534 842	21	9·561 961	23	0·438 039	9·972 881	3	962	
039	9·534 863	21	9·561 985	24	0·438 015	9·972 878	3	961	
		21		23			3		
.040	9·534 884		9·562 008		0·437 992	9·972 875		.960	
		21		24			2		
041	9·534 905		9·562 032		0·437 968	9·972 873		959	
042	9·534 925	20	9·562 056	24	0·437 944	9·972 870	3	958	
043	9·534 946	21	9·562 079	23	0·437 921	9·972 867	3	957	
		21		24			3		
044	9·534 967		9·562 103		0·437 897	9·972 864		956	
045	9·534 988	21	9·562 126	23	0·437 874	9·972 862	2	955	
046	9·535 008	20	9·562 150	24	0·437 850	9·972 859	3	954	
		21		23			3		
047	9·535 029		9·562 173		0·437 827	9·972 856		953	
048	9·535 050	21	9·562 197	24	0·437 803	9·972 853	3	952	
049	9·535 071	21	9·562 220	23	0·437 780	9·972 850	3	951	
		21		24			2		
.050	9·535 092		9·562 244		0·437 756	9·972 848		.950	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

70°.000 — 69°.950

20°.050 — 20°.100

20°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9·535 092		9·562 244		0·437 756	9·972 848		**.950**	
		20		23			3		
051	9·535 112		9·562 267		0·437 733	9·972 845		949	
052	9·535 133	21	9·562 291	24	0·437 709	9·972 842	3	948	
053	9·535 154	21	9·562 314	23	0·437 686	9·972 839	3	947	
		21		24			2		
054	9·535 175		9·562 338		0·437 662	9·972 837		946	
055	9·535 195	20	9·562 362	24	0·437 638	9·972 834	3	945	
056	9·535 216	21	9·562 385	23	0·437 615	9·972 831	3	944	
		21		24			3		
057	9·535 237		9·562 409		0·437 591	9·972 828		943	
058	9·535 258	21	9·562 432	23	0·437 568	9·972 826	2	942	
059	9·535 278	20	9·562 456	24	0·437 544	9·972 823	3	941	
		21		23			3		
.060	9·535 299		9·562 479		0·437 521	9·972 820		**.940**	
		21		24			3		
061	9·535 320		9·562 503		0·437 497	9·972 817		939	
062	9·535 341	21	9·562 526	23	0·437 474	9·972 814	3	938	
063	9·535 361	20	9·562 550	24	0·437 450	9·972 812	2	937	
		21		23			3		
064	9·535 382		9·562 573		0·437 427	9·972 809		936	
065	9·535 403	21	9·562 597	24	0·437 403	9·972 806	3	935	
066	9·535 424	21	9·562 620	23	0·437 380	9·972 803	3	934	
		20		24			2		
067	9·535 444		9·562 644		0·437 356	9·972 801		933	
068	9·535 465	21	9·562 667	23	0·437 333	9·972 798	3	932	
069	9·535 486	21	9·562 691	24	0·437 309	9·972 795	3	931	
		21		23			3		
.070	9·535 507		9·562 714		0·437 286	9·972 792		**.930**	
		20		24			2		
071	9·535 527		9·562 738		0·437 262	9·972 790		929	
072	9·535 548	21	9·562 761	23	0·437 239	9·972 787	3	928	
073	9·535 569	21	9·562 785	24	0·437 215	9·972 784	3	927	
		21		23			3		
074	9·535 590		9·562 808		0·437 192	9·972 781		926	
075	9·535 610	20	9·562 832	24	0·437 168	9·972 778	3	925	
076	9·535 631	21	9·562 855	23	0·437 145	9·972 776	2	924	
		21		24			3		
077	9·535 652		9·562 879		0·437 121	9·972 773		923	
078	9·535 673	21	9·562 902	23	0·437 098	9·972 770	3	922	
079	9·535 693	20	9·562 926	24	0·437 074	9·972 767	3	921	
		21		23			2		
.080	9·535 714		9·562 949		0·437 051	9·972 765		**.920**	
		21		24			3		
081	9·535 735		9·562 973		0·437 027	9·972 762		919	
082	9·535 756	21	9·562 996	23	0·437 004	9·972 759	3	918	
083	9·535 776	20	9·563 020	24	0·436 980	9·972 756	3	917	
		21		24			2		
084	9·535 797		9·563 044		0·436 956	9·972 754		916	
085	9·535 818	21	9·563 067	23	0·436 933	9·972 751	3	915	
086	9·535 839	21	9·563 091	24	0·436 909	9·972 748	3	914	
		20		23			3		
087	9·535 859		9·563 114		0·436 886	9·972 745		913	
088	9·535 880	21	9·563 138	24	0·436 862	9·972 742	3	912	
089	9·535 901	21	9·563 161	23	0·436 839	9·972 740	2	911	
		20		24			3		
.090	9·535 921		9·563 185		0·436 815	9·972 737		**.910**	
		21		23			3		
091	9·535 942		9·563 208		0·436 792	9·972 734		909	
092	9·535 963	21	9·563 231	23	0·436 769	9·972 731	3	908	
093	9·535 984	21	9·563 255	24	0·436 745	9·972 729	2	907	
		20		23			3		
094	9·536 004		9·563 278		0·436 722	9·972 726		906	
095	9·536 025	21	9·563 302	24	0·436 698	9·972 723	3	905	
096	9·536 046	21	9·563 325	23	0·436 675	9·972 720	3	904	
		20		24			2		
097	9·536 066		9·563 349		0·436 651	9·972 718		903	
098	9·536 087	21	9·563 372	23	0·436 628	9·972 715	3	902	
099	9·536 108	21	9·563 396	24	0·436 604	9·972 712	3	901	
		21		23			3		
.100	9·536 129		9·563 419		0·436 581	9·972 709		**.900**	
	cos	d	cotg	d	tang	sin	d	**69°**	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.950 — 69°.900

20°.100 — 20°.150

20°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.536 129		9.563 419		0.436 581	9.972 709		.900	
		20		24			3		
101	9.536 149		9.563 443		0.436 557	9.972 706		899	
102	9.536 170	21	9.563 466	23	0.436 534	9.972 704	2	898	
103	9.536 191	21	9.563 490	24	0.436 510	9.972 701	3	897	
		20		23			3		
104	9.536 211		9.563 513		0.436 487	9.972 698		896	
105	9.536 232	21	9.563 537	24	0.436 463	9.972 695	3	895	
106	9.536 253	21	9.563 560	23	0.436 440	9.972 693	2	894	
		21		24			3		
107	9.536 274		9.563 584		0.436 416	9.972 690		893	
108	9.536 294	20	9.563 607	23	0.436 393	9.972 687	3	892	
109	9.536 315	21	9.563 631	24	0.436 369	9.972 684	3	891	
		21		23			3		
.110	9.536 336		9.563 654		0.436 346	9.972 681		.890	
		20		24			2		
111	9.536 356		9.563 678		0.436 322	9.972 679		889	
112	9.536 377	21	9.563 701	23	0.436 299	9.972 676	3	888	
113	9.536 398	21	9.563 725	24	0.436 275	9.972 673	3	887	
		20		23			3		
114	9.536 418		9.563 748		0.436 252	9.972 670		886	
115	9.536 439	21	9.563 772	24	0.436 228	9.972 668	2	885	
116	9.536 460	21	9.563 795	23	0.436 205	9.972 665	3	884	
		21		24			3		
117	9.536 481		9.563 819		0.436 181	9.972 662		883	
118	9.536 501	20	9.563 842	23	0.436 158	9.972 659	3	882	
119	9.536 522	21	9.563 865	23	0.436 135	9.972 656	3	881	
		21		24			2		
.120	9.536 543		9.563 889		0.436 111	9.972 654		.880	
		20		23			3		
121	9.536 563		9.563 912		0.436 088	9.972 651		879	
122	9.536 584	21	9.563 936	24	0.436 064	9.972 648	3	878	
123	9.536 605	21	9.563 959	23	0.436 041	9.972 645	3	877	
		20		24			2		
124	9.536 625		9.563 983		0.436 017	9.972 643		876	
125	9.536 646	21	9.564 006	23	0.435 994	9.972 640	3	875	
126	9.536 667	21	9.564 030	24	0.435 970	9.972 637	3	874	
		20		23			3		
127	9.536 687		9.564 053		0.435 947	9.972 634		873	
128	9.536 708	21	9.564 077	24	0.435 923	9.972 631	3	872	
129	9.536 729	21	9.564 100	23	0.435 900	9.972 629	2	871	
		20		24			3		
.130	9.536 749		9.564 124		0.435 876	9.972 626		.870	
		21		23			3		
131	9.536 770		9.564 147		0.435 853	9.972 623		869	
132	9.536 791	21	9.564 170	23	0.435 830	9.972 620	3	868	
133	9.536 812	21	9.564 194	24	0.435 806	9.972 618	2	867	
		20		23			3		
134	9.536 832		9.564 217		0.435 783	9.972 615		866	
135	9.536 853	21	9.564 241	24	0.435 759	9.972 612	3	865	
136	9.536 874	21	9.564 264	23	0.435 736	9.972 609	3	864	
		20		24			3		
137	9.536 894		9.564 288		0.435 712	9.972 606		863	
138	9.536 915	21	9.564 311	23	0.435 689	9.972 604	2	862	
139	9.536 936	21	9.564 335	24	0.435 665	9.972 601	3	861	
		20		23			3		
.140	9.536 956		9.564 358		0.435 642	9.972 598		.860	
		21		24			3		
141	9.536 977		9.564 382		0.435 618	9.972 595		859	
142	9.536 998	21	9.564 405	23	0.435 595	9.972 593	2	858	
143	9.537 018	20	9.564 428	23	0.435 572	9.972 590	3	857	
		21		24			3		
144	9.537 039		9.564 452		0.435 548	9.972 587		856	
145	9.537 060	21	9.564 475	23	0.435 525	9.972 584	3	855	
146	9.537 080	20	9.564 499	24	0.435 501	9.972 581	3	854	
		21		23			2		
147	9.537 101		9.564 522		0.435 478	9.972 579		853	
148	9.537 122	21	9.564 546	24	0.435 454	9.972 576	3	852	
149	9.537 142	20	9.564 569	23	0.435 431	9.972 573	3	851	
		21		24			3		
.150	9.537 163		9.564 593		0.435 407	9.972 570		.850	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.900 — 69°.850

20°.150 — 20°.200

20°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9·537 163		9·564 593		0·435 407	9·972 570		.850	
		21		23			2		
151	9·537 184		9·564 616		0·435 384	9·972 568		849	
		20		23			3		
152	9·537 204		9·564 639		0·435 361	9·972 565		848	
		21		24			3		
153	9·537 225		9·564 663		0·435 337	9·972 562		847	
		20		23			3		24
154	9·537 245		9·564 686		0·435 314	9·972 559		846	1 2.4
		21		24			3		2 4.8
155	9·537 266		9·564 710		0·435 290	9·972 556		845	3 7.2
		21		23			2		4 9.6
156	9·537 287		9·564 733		0·435 267	9·972 554		844	5 12.0
		20		24			3		6 14.4
157	9·537 307		9·564 757		0·435 243	9·972 551		843	7 16.8
		21		23			3		8 19.2
158	9·537 328		9·564 780		0·435 220	9·972 548		842	9 21.6
		21		23			3		
159	9·537 349		9·564 803		0·435 197	9·972 545		841	
		20		24			3		
.160	9·537 369		9·564 827		0·435 173	9·972 542		.840	
		21		23			2		
161	9·537 390		9·564 850		0·435 150	9·972 540		839	
		21		24			3		
162	9·537 411		9·564 874		0·435 126	9·972 537		838	
		20		23			3		
163	9·537 431		9·564 897		0·435 103	9·972 534		837	
		21		24			3		
164	9·537 452		9·564 921		0·435 079	9·972 531		836	
		21		23			2		23
165	9·537 473		9·564 944		0·435 056	9·972 529		835	1 2.3
		20		23			3		2 4.6
166	9·537 493		9·564 967		0·435 033	9·972 526		834	3 6.9
		21		24			3		4 9.2
167	9·537 514		9·564 991		0·435 009	9·972 523		833	5 11.5
		20		23			3		6 13.8
168	9·537 534		9·565 014		0·434 986	9·972 520		832	7 16.1
		21		24			3		8 18.4
169	9·537 555		9·565 038		0·434 962	9·972 517		831	9 20.7
		21		23			2		
.170	9·537 576		9·565 061		0·434 939	9·972 515		.830	
		20		24			3		
171	9·537 596		9·565 085		0·434 915	9·972 512		829	
		21		23			3		
172	9·537 617		9·565 108		0·434 892	9·972 509		828	
		21		23			3		
173	9·537 638		9·565 131		0·434 869	9·972 506		827	
		20		24			2		
174	9·537 658		9·565 155		0·434 845	9·972 504		826	
		21		23			3		21
175	9·537 679		9·565 178		0·434 822	9·972 501		825	1 2.1
		21		24			3		2 4.2
176	9·537 700		9·565 202		0·434 798	9·972 498		824	3 6.3
		20		23			3		4 8.4
177	9·537 720		9·565 225		0·434 775	9·972 495		823	5 10.5
		21		23			3		6 12.6
178	9·537 741		9·565 248		0·434 752	9·972 492		822	7 14.7
		20		24			2		8 16.8
179	9·537 761		9·565 272		0·434 728	9·972 490		821	9 18.9
		21		23			3		
.180	9·537 782		9·565 295		0·434 705	9·972 487		.820	
		21		24			3		
181	9·537 803		9·565 319		0·434 681	9·972 484		819	
		20		23			3		
182	9·537 823		9·565 342		0·434 658	9·972 481		818	
		21		23			3		
183	9·537 844		9·565 365		0·434 635	9·972 478		817	
		21		24			2		
184	9·537 865		9·565 389		0·434 611	9·972 476		816	
		20		23			3		20
185	9·537 885		9·565 412		0·434 588	9·972 473		815	1 2.0
		21		24			3		2 4.0
186	9·537 906		9·565 436		0·434 564	9·972 470		814	3 6.0
		20		23			3		4 8.0
187	9·537 926		9·565 459		0·434 541	9·972 467		813	5 10.0
		21		24			2		6 12.0
188	9·537 947		9·565 483		0·434 517	9·972 465		812	7 14.0
		21		23			3		8 16.0
189	9·537 968		9·565 506		0·434 494	9·972 462		811	9 18.0
		20		23			3		
.190	9·537 988		9·565 529		0·434 471	9·972 459		.810	
		21		24			3		
191	9·538 009		9·565 553		0·434 447	9·972 456		809	
		20		23			3		
192	9·538 029		9·565 576		0·434 424	9·972 453		808	
		21		24			2		
193	9·538 050		9·565 600		0·434 400	9·972 451		807	
		21		23			3		
194	9·538 071		9·565 623		0·434 377	9·972 448		806	
		20		23			3		
195	9·538 091		9·565 646		0·434 354	9·972 445		805	
		21		24			3		
196	9·538 112		9·565 670		0·434 330	9·972 442		804	
		21		23			3		
197	9·538 133		9·565 693		0·434 307	9·972 439		803	
		20		23			2		
198	9·538 153		9·565 716		0·434 284	9·972 437		802	
		21		24			3		
199	9·538 174		9·565 740		0·434 260	9·972 434		801	
		20		23			3		
.200	9·538 194		9·565 763		0·434 237	9·972 431		.800	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.850 — 69°.800

20°.200 — 20°.250

20°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9·538 194		9·565 763		0·434 237	9·972 431		.800	
		21		24			3		
201	9·538 215		9·565 787		0·434 213	9·972 428		799	
202	9·538 236	21	9·565 810	23	0·434 190	9·972 425	3	798	
203	9·538 256	20	9·565 833	23	0·434 167	9·972 423	2	797	
		21		24			3		
204	9·538 277		9·565 857		0·434 143	9·972 420		796	
205	9·538 297	20	9·565 880	23	0·434 120	9·972 417	3	795	
206	9·538 318	21	9·565 904	24	0·434 096	9·972 414	3	794	
		20		23			2		
207	9·538 338		9·565 927		0·434 073	9·972 412		793	
208	9·538 359	21	9·565 950	23	0·434 050	9·972 409	3	792	
209	9·538 380	21	9·565 974	24	0·434 026	9·972 406	3	791	
		20		23			3		
.210	9·538 400		9·565 997		0·434 003	9·972 403		.790	
		21		24			3		
211	9·538 421		9·566 021		0·433 979	9·972 400		789	
212	9·538 441	20	9·566 044	23	0·433 956	9·972 398	2	788	
213	9·538 462	21	9·566 067	23	0·433 933	9·972 395	3	787	
		21		24			3		
214	9·538 483		9·566 091		0·433 909	9·972 392		786	
215	9·538 503	20	9·566 114	23	0·433 886	9·972 389	3	785	
216	9·538 524	21	9·566 137	23	0·433 863	9·972 386	3	784	
		20		24			2		
217	9·538 544		9·566 161		0·433 839	9·972 384		783	
218	9·538 565	21	9·566 184	23	0·433 816	9·972 381	3	782	
219	9·538 586	21	9·566 208	24	0·433 792	9·972 378	3	781	
		20		23			3		
.220	9·538 606		9·566 231		0·433 769	9·972 375		.780	
		21		23			3		
221	9·538 627		9·566 254		0·433 746	9·972 372		779	
222	9·538 647	20	9·566 278	24	0·433 722	9·972 370	2	778	
223	9·538 668	21	9·566 301	23	0·433 699	9·972 367	3	777	
		20		23			3		
224	9·538 688		9·566 324		0·433 676	9·972 364		776	
225	9·538 709	21	9·566 348	24	0·433 652	9·972 361	3	775	
226	9·538 730	21	9·566 371	23	0·433 629	9·972 358	3	774	
		20		23			2		
227	9·538 750		9·566 394		0·433 606	9·972 356		773	
228	9·538 771	21	9·566 418	24	0·433 582	9·972 353	3	772	
229	9·538 791	20	9·566 441	23	0·433 559	9·972 350	3	771	
		21		24			3		
.230	9·538 812		9·566 465		0·433 535	9·972 347		.770	
		20		23			2		
231	9·538 832		9·566 488		0·433 512	9·972 345		769	
232	9·538 853	21	9·566 511	23	0·433 489	9·972 342	3	768	
233	9·538 874	21	9·566 535	24	0·433 465	9·972 339	3	767	
		20		23			3		
234	9·538 894		9·566 558		0·433 442	9·972 336		766	
235	9·538 915	21	9·566 581	23	0·433 419	9·972 333	3	765	
236	9·538 935	20	9·566 605	24	0·433 395	9·972 331	2	764	
		21		23			3		
237	9·538 956		9·566 628		0·433 372	9·972 328		763	
238	9·538 976	20	9·566 651	23	0·433 349	9·972 325	3	762	
239	9·538 997	21	9·566 675	24	0·433 325	9·972 322	3	761	
		20		23			3		
.240	9·539 017		9·566 698		0·433 302	9·972 319		.760	
		21		23			2		
241	9·539 038		9·566 721		0·433 279	9·972 317		759	
242	9·539 059	21	9·566 745	24	0·433 255	9·972 314	3	758	
243	9·539 079	20	9·566 768	23	0·433 232	9·972 311	3	757	
		21		24			3		
244	9·539 100		9·566 792		0·433 208	9·972 308		756	
245	9·539 120	20	9·566 815	23	0·433 185	9·972 305	3	755	
246	9·539 141	21	9·566 838	23	0·433 162	9·972 303	2	754	
		20		24			3		
247	9·539 161		9·566 862		0·433 138	9·972 300		753	
248	9·539 182	21	9·566 885	23	0·433 115	9·972 297	3	752	
249	9·539 202	20	9·566 908	23	0·433 092	9·972 294	3	751	
		21		24			3		
.250	9·539 223		9·566 932		0·433 068	9·972 291		.750	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.800 — 69°.750

20°.250 — 20°.300

20°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9·539 223		9·566 932		0·433 068	9·972 291		**.750**	
		21		23			2		
251	9·539 244		9·566 955		0·433 045	9·972 289		749	
252	9·539 264	20	9·566 978	23	0·433 022	9·972 286	3	748	
253	9·539 285	21	9·567 002	24	0·432 998	9·972 283	3	747	
		20		23			3		
254	9·539 305		9·567 025		0·432 975	9·972 280		746	
255	9·539 326	21	9·567 048	23	0·432 952	9·972 277	3	745	
256	9·539 346	20	9·567 072	24	0·432 928	9·972 275	2	744	
		21		23			3		
257	9·539 367		9·567 095		0·432 905	9·972 272		743	
258	9·539 387	20	9·567 118	23	0·432 882	9·972 269	3	742	
259	9·539 408	21	9·567 142	24	0·432 858	9·972 266	3	741	
		20		23			3		
.260	9·539 428		9·567 165		0·432 835	9·972 263		**.740**	
		21		23			2		
261	9·539 449		9·567 188		0·432 812	9·972 261		739	
262	9·539 469	20	9·567 212	24	0·432 788	9·972 258	3	738	
263	9·539 490	21	9·567 235	23	0·432 765	9·972 255	3	737	
		21		23			3		
264	9·539 511		9·567 258		0·432 742	9·972 252		736	
265	9·539 531	20	9·567 282	24	0·432 718	9·972 249	3	735	
266	9·539 552	21	9·567 305	23	0·432 695	9·972 247	2	734	
		20		23			3		
267	9·539 572		9·567 328		0·432 672	9·972 244		733	
268	9·539 593	21	9·567 352	24	0·432 648	9·972 241	3	732	
269	9·539 613	20	9·567 375	23	0·432 625	9·972 238	3	731	
		21		23			3		
.270	9·539 634		9·567 398		0·432 602	9·972 235		**.730**	
		20		24			2		
271	9·539 654		9·567 422		0·432 578	9·972 233		729	
272	9·539 675	21	9·567 445	23	0·432 555	9·972 230	3	728	
273	9·539 695	20	9·567 468	23	0·432 532	9·972 227	3	727	
		21		24			3		
274	9·539 716		9·567 492		0·432 508	9·972 224		726	
275	9·539 736	20	9·567 515	23	0·432 485	9·972 221	3	725	
276	9·539 757	21	9·567 538	23	0·432 462	9·972 219	2	724	
		20		23			3		
277	9·539 777		9·567 561		0·432 439	9·972 216		723	
278	9·539 798	21	9·567 585	24	0·432 415	9·972 213	3	722	
279	9·539 818	20	9·567 608	23	0·432 392	9·972 210	3	721	
		21		23			3		
.280	9·539 839		9·567 631		0·432 369	9·972 207		**.720**	
		20		24			2		
281	9·539 859		9·567 655		0·432 345	9·972 205		719	
282	9·539 880	21	9·567 678	23	0·432 322	9·972 202	3	718	
283	9·539 900	20	9·567 701	23	0·432 299	9·972 199	3	717	
		21		24			3		
284	9·539 921		9·567 725		0·432 275	9·972 196		716	
285	9·539 941	20	9·567 748	23	0·432 252	9·972 193	3	715	
286	9·539 962	21	9·567 771	23	0·432 229	9·972 191	2	714	
		20		24			3		
287	9·539 982		9·567 795		0·432 205	9·972 188		713	
288	9·540 003	21	9·567 818	23	0·432 182	9·972 185	3	712	
289	9·540 023	20	9·567 841	23	0·432 159	9·972 182	3	711	
		21		24			3		
.290	9·540 044		9·567 865		0·432 135	9·972 179		**.710**	
		20		23			2		
291	9·540 064		9·567 888		0·432 112	9·972 177		709	
292	9·540 085	21	9·567 911	23	0·432 089	9·972 174	3	708	
293	9·540 105	20	9·567 934	23	0·432 066	9·972 171	3	707	
		21		24			3		
294	9·540 126		9·567 958		0·432 042	9·972 168		706	
295	9·540 146	20	9·567 981	23	0·432 019	9·972 165	3	705	
296	9·540 167	21	9·568 004	23	0·431 996	9·972 163	2	704	
		20		24			3		
297	9·540 187		9·568 028		0·431 972	9·972 160		703	
298	9·540 208	21	9·568 051	23	0·431 949	9·972 157	3	702	
299	9·540 228	20	9·568 074	23	0·431 926	9·972 154	3	701	
		21		24			3		
.300	9·540 249		9·568 098		0·431 902	9·972 151		**.700**	
	cos	d	cotg	d	tang	sin	d	**69°**	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.750 — 69°.700

$20^\circ.300$ — $20^\circ.350$

20°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.540 249		9.568 098		0.431 902	9.972 151		**.700**	
		20		23			2		
301	9.540 269		9.568 121		0.431 879	9.972 149		699	
302	9.540 290	21	9.568 144	23	0.431 856	9.972 146	3	698	
303	9.540 310	20	9.568 167	23	0.431 833	9.972 143	3	697	
		21		24			3		24
304	9.540 331		9.568 191		0.431 809	9.972 140		696	1 2.4
305	9.540 351	20	9.568 214	23	0.431 786	9.972 137	3	695	2 4.8
306	9.540 372	21	9.568 237	23	0.431 763	9.972 135	2	694	3 7.2
		20		24			3		4 9.6
307	9.540 392		9.568 261		0.431 739	9.972 132		693	5 12.0
308	9.540 413	21	9.568 284	23	0.431 716	9.972 129	3	692	6 14.4
309	9.540 433	20	9.568 307	23	0.431 693	9.972 126	3	691	7 16.8
		21		23			3		8 19.2
.310	9.540 454		9.568 330		0.431 670	9.972 123		**.690**	9 21.6
		20		24			2		
311	9.540 474		9.568 354		0.431 646	9.972 121		689	
312	9.540 495	21	9.568 377	23	0.431 623	9.972 118	3	688	
313	9.540 515	20	9.568 400	23	0.431 600	9.972 115	3	687	
		21		24			3		
314	9.540 536		9.568 424		0.431 576	9.972 112		686	
315	9.540 556	20	9.568 447	23	0.431 553	9.972 109	3	685	23
316	9.540 577	21	9.568 470	23	0.431 530	9.972 107	2	684	
		20		23			3		1 2.3
317	9.540 597		9.568 493		0.431 507	9.972 104		683	2 4.6
318	9.540 618	21	9.568 517	24	0.431 483	9.972 101	3	682	3 6.9
319	9.540 638	20	9.568 540	23	0.431 460	9.972 098	3	681	4 9.2
		21		23			3		5 11.5
.320	9.540 659		9.568 563		0.431 437	9.972 095		**.680**	6 13.8
		20		24			3		7 16.1
321	9.540 679		9.568 587		0.431 413	9.972 092		679	8 18.4
322	9.540 699	20	9.568 610	23	0.431 390	9.972 090	2	678	9 20.7
323	9.540 720	21	9.568 633	23	0.431 367	9.972 087	3	677	
		20		23			3		
324	9.540 740		9.568 656		0.431 344	9.972 084		676	
325	9.540 761	21	9.568 680	24	0.431 320	9.972 081	3	675	
326	9.540 781	20	9.568 703	23	0.431 297	9.972 078	3	674	
		21		23			2		
327	9.540 802		9.568 726		0.431 274	9.972 076		673	21
328	9.540 822	20	9.568 749	23	0.431 251	9.972 073	3	672	
329	9.540 843	21	9.568 773	24	0.431 227	9.972 070	3	671	1 2.1
		20		23			3		2 4.2
.330	9.540 863		9.568 796		0.431 204	9.972 067		**.670**	3 6.3
		21		23			3		4 8.4
331	9.540 884		9.568 819		0.431 181	9.972 064		669	5 10.5
332	9.540 904	20	9.568 842	23	0.431 158	9.972 062	2	668	6 12.6
333	9.540 925	21	9.568 866	24	0.431 134	9.972 059	3	667	7 14.7
		20		23			3		8 16.8
334	9.540 945		9.568 889		0.431 111	9.972 056		666	9 18.9
335	9.540 965	20	9.568 912	23	0.431 088	9.972 053	3	665	
336	9.540 986	21	9.568 936	24	0.431 064	9.972 050	3	664	
		20		23			2		
337	9.541 006		9.568 959		0.431 041	9.972 048		663	
338	9.541 027	21	9.568 982	23	0.431 018	9.972 045	3	662	
339	9.541 047	20	9.569 005	23	0.430 995	9.972 042	3	661	20
		21		24			3		
.340	9.541 068		9.569 029		0.430 971	9.972 039		**.660**	1 2.0
		20		23			3		2 4.0
341	9.541 088		9.569 052		0.430 948	9.972 036		659	3 6.0
342	9.541 109	21	9.569 075	23	0.430 925	9.972 034	2	658	4 8.0
343	9.541 129	20	9.569 098	23	0.430 902	9.972 031	3	657	5 10.0
		20		24			3		6 12.0
344	9.541 149		9.569 122		0.430 878	9.972 028		656	7 14.0
345	9.541 170	21	9.569 145	23	0.430 855	9.972 025	3	655	8 16.0
346	9.541 190	20	9.569 168	23	0.430 832	9.972 022	3	654	9 18.0
		21		23			3		
347	9.541 211		9.569 191		0.430 809	9.972 019		653	
348	9.541 231	20	9.569 215	24	0.430 785	9.972 017	2	652	
349	9.541 252	21	9.569 238	23	0.430 762	9.972 014	3	651	
		20		23			3		
.350	9.541 272		9.569 261		0.430 739	9.972 011		**.650**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

$69^\circ.700$ — $69^\circ.650$

20°.350 — 20°.400

20°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.541 272		9.569 261		0.430 739	9.972 011		.650	
		21		23			3		
351	9.541 293		9.569 284		0.430 716	9.972 008		649	
		20		24			3		
352	9.541 313		9.569 308		0.430 692	9.972 005		648	
		20		23			2		
353	9.541 333		9.569 331		0.430 669	9.972 003		647	
		21		23			3		24
354	9.541 354		9.569 354		0.430 646	9.972 000		646	1 2.4
		20		23			3		2 4.8
355	9.541 374		9.569 377		0.430 623	9.971 997		645	3 7.2
		21		24			3		4 9.6
356	9.541 395		9.569 401		0.430 599	9.971 994		644	5 12.0
		20		23			3		6 14.4
357	9.541 415		9.569 424		0.430 576	9.971 991		643	7 16.8
		21		23			2		8 19.2
358	9.541 436		9.569 447		0.430 553	9.971 989		642	9 21.6
		20		23			3		
359	9.541 456		9.569 470		0.430 530	9.971 986		641	
		20		24			3		
.360	9.541 476		9.569 494		0.430 506	9.971 983		.640	
		21		23			3		
361	9.541 497		9.569 517		0.430 483	9.971 980		639	
		20		23			3		
362	9.541 517		9.569 540		0.430 460	9.971 977		638	
		21		23			3		
363	9.541 538		9.569 563		0.430 437	9.971 974		637	
		20		23			2		
364	9.541 558		9.569 586		0.430 414	9.971 972		636	
		21		24			3		
365	9.541 579		9.569 610		0.430 390	9.971 969		635	
		20		23			3		23
366	9.541 599		9.569 633		0.430 367	9.971 966		634	
		20		23			3		1 2.3
367	9.541 619		9.569 656		0.430 344	9.971 963		633	2 4.6
		21		23			3		3 6.9
368	9.541 640		9.569 679		0.430 321	9.971 960		632	4 9.2
		20		24			2		5 11.5
369	9.541 660		9.569 703		0.430 297	9.971 958		631	6 13.8
		21		23			3		7 16.1
.370	9.541 681		9.569 726		0.430 274	9.971 955		.630	8 18.4
		20		23			3		9 20.7
371	9.541 701		9.569 749		0.430 251	9.971 952		629	
		20		23			3		
372	9.541 721		9.569 772		0.430 228	9.971 949		628	
		21		24			3		
373	9.541 742		9.569 796		0.430 204	9.971 946		627	
		20		23			2		
374	9.541 762		9.569 819		0.430 181	9.971 944		626	
		21		23			3		
375	9.541 783		9.569 842		0.430 158	9.971 941		625	
		20		23			3		
376	9.541 803		9.569 865		0.430 135	9.971 938		624	
		20		23			3		21
377	9.541 823		9.569 888		0.430 112	9.971 935		623	
		21		24			3		1 2.1
378	9.541 844		9.569 912		0.430 088	9.971 932		622	2 4.2
		20		23			3		3 6.3
379	9.541 864		9.569 935		0.430 065	9.971 929		621	4 8.4
		21		23			2		5 10.5
.380	9.541 885		9.569 958		0.430 042	9.971 927		.620	6 12.6
		20		23			3		7 14.7
381	9.541 905		9.569 981		0.430 019	9.971 924		619	8 16.8
		21		24			3		9 18.9
382	9.541 926		9.570 005		0.429 995	9.971 921		618	
		20		23			3		
383	9.541 946		9.570 028		0.429 972	9.971 918		617	
		20		23			3		
384	9.541 966		9.570 051		0.429 949	9.971 915		616	
		21		23			2		
385	9.541 987		9.570 074		0.429 926	9.971 913		615	
		20		23			3		
386	9.542 007		9.570 097		0.429 903	9.971 910		614	
		21		24			3		20
387	9.542 028		9.570 121		0.429 879	9.971 907		613	
		20		23			3		1 2.0
388	9.542 048		9.570 144		0.429 856	9.971 904		612	2 4.0
		20		23			3		3 6.0
389	9.542 068		9.570 167		0.429 833	9.971 901		611	4 8.0
		21		23			3		5 10.0
.390	9.542 089		9.570 190		0.429 810	9.971 898		.610	6 12.0
		20		23			2		7 14.0
391	9.542 109		9.570 213		0.429 787	9.971 896		609	8 16.0
		20		24			3		9 18.0
392	9.542 129		9.570 237		0.429 763	9.971 893		608	
		21		23			3		
393	9.542 150		9.570 260		0.429 740	9.971 890		607	
		20		23			3		
394	9.542 170		9.570 283		0.429 717	9.971 887		606	
		21		23			3		
395	9.542 191		9.570 306		0.429 694	9.971 884		605	
		20		23			2		
396	9.542 211		9.570 329		0.429 671	9.971 882		604	
		20		24			3		
397	9.542 231		9.570 353		0.429 647	9.971 879		603	
		21		23			3		
398	9.542 252		9.570 376		0.429 624	9.971 876		602	
		20		23			3		
399	9.542 272		9.570 399		0.429 601	9.971 873		601	
		21		23			3		
.400	9.542 293		9.570 422		0.429 578	9.971 870		.600	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.650 — 69°.600

20°.400 — 20°.450

20°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9·542 293		9·570 422		0·429 578	9·971 870		.600	
		20		23			3		
401	9·542 313		9·570 445		0·429 555	9·971 867		599	
402	9·542 333	20	9·570 469	24	0·429 531	9·971 865	2	598	
403	9·542 354	21	9·570 492	23	0·429 508	9·971 862	3	597	
		20		23			3		24
404	9·542 374		9·570 515		0·429 485	9·971 859		596	1 2.4
405	9·542 394	20	9·570 538	23	0·429 462	9·971 856	3	595	2 4.8
406	9·542 415	21	9·570 561	23	0·429 439	9·971 853	3	594	3 7.2
		20		24			2		4 9.6
407	9·542 435		9·570 585		0·429 415	9·971 851		593	5 12.0
408	9·542 456	21	9·570 608	23	0·429 392	9·971 848	3	592	6 14.4
409	9·542 476	20	9·570 631	23	0·429 369	9·971 845	3	591	7 16.8
		20		23			3		8 19.2
.410	9·542 496		9·570 654		0·429 346	9·971 842		.590	9 21.6
		21		23			3		
411	9·542 517		9·570 677		0·429 323	9·971 839		589	
412	9·542 537	20	9·570 701	24	0·429 299	9·971 836	3	588	
413	9·542 557	20	9·570 724	23	0·429 276	9·971 834	2	587	
		21		23			3		
414	9·542 578		9·570 747		0·429 253	9·971 831		586	
415	9·542 598	20	9·570 770	23	0·429 230	9·971 828	3	585	
416	9·542 619	21	9·570 793	23	0·429 207	9·971 825	3	584	23
		20		24			3		1 2.3
417	9·542 639		9·570 817		0·429 183	9·971 822		583	2 4.6
418	9·542 659	20	9·570 840	23	0·429 160	9·971 820	2	582	3 6.9
419	9·542 680	21	9·570 863	23	0·429 137	9·971 817	3	581	4 9.2
		20		23			3		5 11.5
.420	9·542 700		9·570 886		0·429 114	9·971 814		.580	6 13.8
		20		23			3		7 16.1
421	9·542 720		9·570 909		0·429 091	9·971 811		579	8 18.4
422	9·542 741	21	9·570 932	23	0·429 068	9·971 808	3	578	9 20.7
423	9·542 761	20	9·570 956	24	0·429 044	9·971 805	3	577	
		20		23			2		
424	9·542 781		9·570 979		0·429 021	9·971 803		576	
425	9·542 802	21	9·571 002	23	0·428 998	9·971 800	3	575	
426	9·542 822	20	9·571 025	23	0·428 975	9·971 797	3	574	
		20		23			3		21
427	9·542 842		9·571 048		0·428 952	9·971 794		573	
428	9·542 863	21	9·571 072	24	0·428 928	9·971 791	3	572	1 2.1
429	9·542 883	20	9·571 095	23	0·428 905	9·971 788	3	571	2 4.2
		21		23			2		3 6.3
.430	9·542 904		9·571 118		0·428 882	9·971 786		.570	4 8.4
		20		23			3		5 10.5
431	9·542 924		9·571 141		0·428 859	9·971 783		569	6 12.6
432	9·542 944	20	9·571 164	23	0·428 836	9·971 780	3	568	7 14.7
433	9·542 965	21	9·571 187	23	0·428 813	9·971 777	3	567	8 16.8
		20		24			3		9 18.9
434	9·542 985		9·571 211		0·428 789	9·971 774		566	
435	9·543 005	20	9·571 234	23	0·428 766	9·971 772	2	565	
436	9·543 026	21	9·571 257	23	0·428 743	9·971 769	3	564	
		20		23			3		
437	9·543 046		9·571 280		0·428 720	9·971 766		563	
438	9·543 066	20	9·571 303	23	0·428 697	9·971 763	3	562	
439	9·543 087	21	9·571 326	23	0·428 674	9·971 760	3	561	20
		20		24			3		
.440	9·543 107		9·571 350		0·428 650	9·971 757		.560	1 2.0
		20		23			2		2 4.0
441	9·543 127		9·571 373		0·428 627	9·971 755		559	3 6.0
442	9·543 148	21	9·571 396	23	0·428 604	9·971 752	3	558	4 8.0
443	9·543 168	20	9·571 419	23	0·428 581	9·971 749	3	557	5 10.0
		20		23			3		6 12.0
444	9·543 188		9·571 442		0·428 558	9·971 746		556	7 14.0
445	9·543 209	21	9·571 465	23	0·428 535	9·971 743	3	555	8 16.0
446	9·543 229	20	9·571 489	24	0·428 511	9·971 740	3	554	9 18.0
		20		23			2		
447	9·543 249		9·571 512		0·428 488	9·971 738		553	
448	9·543 270	21	9·571 535	23	0·428 465	9·971 735	3	552	
449	9·543 290	20	9·571 558	23	0·428 442	9·971 732	3	551	
		20		23			3		
.450	9·543 310		9·571 581		0·428 419	9·971 729		.550	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.600 — 69°.550

$20^\circ.450 - 20^\circ.500$

20°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9·543 310		9·571 581		0·428 419	9·971 729		**.550**	
		21		23			3		
451	9·543 331		9·571 604		0·428 396	9·971 726		549	
		20		23			3		
452	9·543 351		9·571 627		0·428 373	9·971 723		548	
		20		24			2		
453	9·543 371		9·571 651		0·428 349	9·971 721		547	
		21		23			3		
454	9·543 392		9·571 674		0·428 326	9·971 718		546	
		20		23			3		
455	9·543 412		9·571 697		0·428 303	9·971 715		545	
		20		23			3		
456	9·543 432		9·571 720		0·428 280	9·971 712		544	
		21		23			3		
457	9·543 453		9·571 743		0·428 257	9·971 709		543	
		20		23			2		
458	9·543 473		9·571 766		0·428 234	9·971 707		542	
		20		23			3		
459	9·543 493		9·571 789		0·428 211	9·971 704		541	
		21		24			3		
.460	9·543 514		9·571 813		0·428 187	9·971 701		**.540**	
		20		23			3		
461	9·543 534		9·571 836		0·428 164	9·971 698		539	
		20		23			3		
462	9·543 554		9·571 859		0·428 141	9·971 695		538	
		20		23			3		
463	9·543 574		9·571 882		0·428 118	9·971 692		537	
		21		23			2		
464	9·543 595		9·571 905		0·428 095	9·971 690		536	
		20		23			3		
465	9·543 615		9·571 928		0·428 072	9·971 687		535	
		20		23			3		
466	9·543 635		9·571 951		0·428 049	9·971 684		534	
		21		24			3		
467	9·543 656		9·571 975		0·428 025	9·971 681		533	
		20		23			3		
468	9·543 676		9·571 998		0·428 002	9·971 678		532	
		20		23			3		
469	9·543 696		9·572 021		0·427 979	9·971 675		531	
		21		23			2		
.470	9·543 717		9·572 044		0·427 956	9·971 673		**.530**	
		20		23			3		
471	9·543 737		9·572 067		0·427 933	9·971 670		529	
		20		23			3		
472	9·543 757		9·572 090		0·427 910	9·971 667		528	
		21		23			3		
473	9·543 778		9·572 113		0·427 887	9·971 664		527	
		20		24			3		
474	9·543 798		9·572 137		0·427 863	9·971 661		526	
		20		23			3		
475	9·543 818		9·572 160		0·427 840	9·971 658		525	
		20		23			2		
476	9·543 838		9·572 183		0·427 817	9·971 656		524	
		21		23			3		
477	9·543 859		9·572 206		0·427 794	9·971 653		523	
		20		23			3		
478	9·543 879		9·572 229		0·427 771	9·971 650		522	
		20		23			3		
479	9·543 899		9·572 252		0·427 748	9·971 647		521	
		21		23			3		
.480	9·543 920		9·572 275		0·427 725	9·971 644		**.520**	
		20		23			3		
481	9·543 940		9·572 298		0·427 702	9·971 641		519	
		20		24			2		
482	9·543 960		9·572 322		0·427 678	9·971 639		518	
		20		23			3		
483	9·543 980		9·572 345		0·427 655	9·971 636		517	
		21		23			3		
484	9·544 001		9·572 368		0·427 632	9·971 633		516	
		20		23			3		
485	9·544 021		9·572 391		0·427 609	9·971 630		515	
		20		23			3		
486	9·544 041		9·572 414		0·427 586	9·971 627		514	
		21		23			3		
487	9·544 062		9·572 437		0·427 563	9·971 624		513	
		20		23			2		
488	9·544 082		9·572 460		0·427 540	9·971 622		512	
		20		23			3		
489	9·544 102		9·572 483		0·427 517	9·971 619		511	
		21		24			3		
.490	9·544 123		9·572 507		0·427 493	9·971 616		**.510**	
		20		23			3		
491	9·544 143		9·572 530		0·427 470	9·971 613		509	
		20		23			3		
492	9·544 163		9·572 553		0·427 447	9·971 610		508	
		20		23			3		
493	9·544 183		9·572 576		0·427 424	9·971 607		507	
		21		23			2		
494	9·544 204		9·572 599		0·427 401	9·971 605		506	
		20		23			3		
495	9·544 224		9·572 622		0·427 378	9·971 602		505	
		20		23			3		
496	9·544 244		9·572 645		0·427 355	9·971 599		504	
		20		23			3		
497	9·544 264		9·572 668		0·427 332	9·971 596		503	
		21		23			3		
498	9·544 285		9·572 691		0·427 309	9·971 593		502	
		20		24			3		
499	9·544 305		9·572 715		0·427 285	9·971 590		501	
		20		23			2		
.500	9·544 325		9·572 738		0·427 262	9·971 588		**.500**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

$69^\circ.550 - 69^\circ.500$

$20^\circ.500 - 20^\circ.550$

20°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9·544 325		9·572 738		0.427 262	9·971 588		**.500**	
		21		23			3		
501	9·544 346		9·572 761		0.427 239	9·971 585		499	
		20		23			3		
502	9·544 366		9·572 784		0.427 216	9·971 582		498	
		20		23			3		
503	9·544 386		9·572 807		0.427 193	9·971 579		497	
		20		23			3		24
504	9·544 406		9·572 830		0.427 170	9·971 576		496	
		21		23			3		1 2.4
505	9·544 427		9·572 853		0.427 147	9·971 573		495	2 4.8
		20		23			2		3 7.2
506	9·544 447		9·572 876		0.427 124	9·971 571		494	4 9.6
		20		23			3		5 12.0
507	9·544 467		9·572 899		0.427 101	9·971 568		493	6 14.4
		20		23			3		7 16.8
508	9·544 487		9·572 922		0.427 078	9·971 565		492	8 19.2
		21		24			3		9 21.6
509	9·544 508		9·572 946		0.427 054	9·971 562		491	
		20		23			3		
.510	9·544 528		9·572 969		0.427 031	9·971 559		**.490**	
		20		23			3		
511	9·544 548		9·572 992		0.427 008	9·971 556		489	
		20		23			2		
512	9·544 568		9·573 015		0.426 985	9·971 554		488	
		21		23			3		
513	9·544 589		9·573 038		0.426 962	9·971 551		487	
		20		23			3		
514	9·544 609		9·573 061		0.426 939	9·971 548		486	
		20		23			3		23
515	9·544 629		9·573 084		0.426 916	9·971 545		485	
		21		23			3		1 2.3
516	9·544 650		9·573 107		0.426 893	9·971 542		484	2 4.6
		20		23			3		3 6.9
517	9·544 670		9·573 130		0.426 870	9·971 539		483	4 9.2
		20		23			2		5 11.5
518	9·544 690		9·573 153		0.426 847	9·971 537		482	6 13.8
		20		24			3		7 16.1
519	9·544 710		9·573 177		0.426 823	9·971 534		481	8 18.4
		21		23			3		9 20.7
.520	9·544 731		9·573 200		0.426 800	9·971 531		**.480**	
		20		23			3		
521	9·544 751		9·573 223		0.426 777	9·971 528		479	
		20		23			3		
522	9·544 771		9·573 246		0.426 754	9·971 525		478	
		20		23			3		
523	9·544 791		9·573 269		0.426 731	9·971 522		477	
		21		23			2		
524	9·544 812		9·573 292		0.426 708	9·971 520		476	
		20		23			3		21
525	9·544 832		9·573 315		0.426 685	9·971 517		475	
		20		23			3		1 2.1
526	9·544 852		9·573 338		0.426 662	9·971 514		474	2 4.2
		20		23			3		3 6.3
527	9·544 872		9·573 361		0.426 639	9·971 511		473	4 8.4
		21		23			3		5 10.5
528	9·544 893		9·573 384		0.426 616	9·971 508		472	6 12.6
		20		23			3		7 14.7
529	9·544 913		9·573 407		0.426 593	9·971 505		471	8 16.8
		20		23			2		9 18.9
.530	9·544 933		9·573 430		0.426 570	9·971 503		**.470**	
		20		24			3		
531	9·544 953		9·573 454		0.426 546	9·971 500		469	
		20		23			3		
532	9·544 973		9·573 477		0.426 523	9·971 497		468	
		21		23			3		
533	9·544 994		9·573 500		0.426 500	9·971 494		467	
		20		23			3		
534	9·545 014		9·573 523		0.426 477	9·971 491		466	
		20		23			3		20
535	9·545 034		9·573 546		0.426 454	9·971 488		465	
		20		23			2		1 2.0
536	9·545 054		9·573 569		0.426 431	9·971 486		464	2 4.0
		21		23			3		3 6.0
537	9·545 075		9·573 592		0.426 408	9·971 483		463	4 8.0
		20		23			3		5 10.0
538	9·545 095		9·573 615		0.426 385	9·971 480		462	6 12.0
		20		23			3		7 14.0
539	9·545 115		9·573 638		0.426 362	9·971 477		461	8 16.0
		20		23			3		9 18.0
.540	9·545 135		9·573 661		0.426 339	9·971 474		**.460**	
		21		23			3		
541	9·545 156		9·573 684		0.426 316	9·971 471		459	
		20		23			3		
542	9·545 176		9·573 707		0.426 293	9·971 468		458	
		20		23			2		
543	9·545 196		9·573 730		0.426 270	9·971 466		457	
		20		23			3		
544	9·545 216		9·573 753		0.426 247	9·971 463		456	
		21		24			3		
545	9·545 237		9·573 777		0.426 223	9·971 460		455	
		20		23			3		
546	9·545 257		9·573 800		0.426 200	9·971 457		454	
		20		23			3		
547	9·545 277		9·573 823		0.426 177	9·971 454		453	
		20		23			3		
548	9·545 297		9·573 846		0.426 154	9·971 451		452	
		20		23			2		
549	9·545 317		9·573 869		0.426 131	9·971 449		451	
		21		23			3		
.550	9·545 338		9·573 892		0.426 108	9·971 446		**.450**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

$69^\circ.500 - 69^\circ.450$

20°.550 — 20°.600

20°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.545 338	20	9.573 892	23	0.426 108	9.971 446	3	**.450**	
551	9.545 358	20	9.573 915	23	0.426 085	9.971 443	3	449	
552	9.545 378	20	9.573 938	23	0.426 062	9.971 440	3	448	
553	9.545 398	20	9.573 961	23	0.426 039	9.971 437	3	447	
554	9.545 418	21	9.573 984	23	0.426 016	9.971 434	2	446	
555	9.545 439	20	9.574 007	23	0.425 993	9.971 432	3	445	
556	9.545 459	20	9.574 030	23	0.425 970	9.971 429	3	444	
557	9.545 479	20	9.574 053	23	0.425 947	9.971 426	3	443	
558	9.545 499	21	9.574 076	23	0.425 924	9.971 423	3	442	
559	9.545 520	20	9.574 099	23	0.425 901	9.971 420	3	441	
.560	9.545 540	20	9.574 122	23	0.425 878	9.971 417	3	**.440**	
561	9.545 560	20	9.574 145	24	0.425 855	9.971 414	3	439	
562	9.545 580	20	9.574 169	23	0.425 831	9.971 412	2	438	
563	9.545 600	21	9.574 192	23	0.425 808	9.971 409	3	437	
564	9.545 621	20	9.574 215	23	0.425 785	9.971 406	3	436	
565	9.545 641	20	9.574 238	23	0.425 762	9.971 403	3	435	
566	9.545 661	20	9.574 261	23	0.425 739	9.971 400	3	434	
567	9.545 681	20	9.574 284	23	0.425 716	9.971 397	3	433	
568	9.545 701	21	9.574 307	23	0.425 693	9.971 395	2	432	
569	9.545 722	20	9.574 330	23	0.425 670	9.971 392	3	431	
.570	9.545 742	20	9.574 353	23	0.425 647	9.971 389	3	**.430**	
571	9.545 762	20	9.574 376	23	0.425 624	9.971 386	3	429	
572	9.545 782	20	9.574 399	23	0.425 601	9.971 383	3	428	
573	9.545 802	21	9.574 422	23	0.425 578	9.971 380	3	427	
574	9.545 823	20	9.574 445	23	0.425 555	9.971 377	3	426	
575	9.545 843	20	9.574 468	23	0.425 532	9.971 375	2	425	
576	9.545 863	20	9.574 491	23	0.425 509	9.971 372	3	424	
577	9.545 883	20	9.574 514	23	0.425 486	9.971 369	3	423	
578	9.545 903	20	9.574 537	23	0.425 463	9.971 366	3	422	
579	9.545 924	21	9.574 560	23	0.425 440	9.971 363	3	421	
.580	9.545 944	20	9.574 583	23	0.425 417	9.971 360	3	**.420**	
581	9.545 964	20	9.574 606	23	0.425 394	9.971 358	2	419	
582	9.545 984	20	9.574 629	23	0.425 371	9.971 355	3	418	
583	9.546 004	20	9.574 652	23	0.425 348	9.971 352	3	417	
584	9.546 024	21	9.574 675	23	0.425 325	9.971 349	3	416	
585	9.546 045	20	9.574 698	23	0.425 302	9.971 346	3	415	
586	9.546 065	20	9.574 721	23	0.425 279	9.971 343	3	414	
587	9.546 085	20	9.574 745	24	0.425 255	9.971 340	3	413	
588	9.546 105	20	9.574 768	23	0.425 232	9.971 338	2	412	
589	9.546 125	20	9.574 791	23	0.425 209	9.971 335	3	411	
.590	9.546 146	21	9.574 814	23	0.425 186	9.971 332	3	**.410**	
591	9.546 166	20	9.574 837	23	0.425 163	9.971 329	3	409	
592	9.546 186	20	9.574 860	23	0.425 140	9.971 326	3	408	
593	9.546 206	20	9.574 883	23	0.425 117	9.971 323	3	407	
594	9.546 226	20	9.574 906	23	0.425 094	9.971 321	2	406	
595	9.546 246	20	9.574 929	23	0.425 071	9.971 318	3	405	
596	9.546 267	21	9.574 952	23	0.425 048	9.971 315	3	404	
597	9.546 287	20	9.574 975	23	0.425 025	9.971 312	3	403	
598	9.546 307	20	9.574 998	23	0.425 002	9.971 309	3	402	
599	9.546 327	20	9.575 021	23	0.424 979	9.971 306	3	401	
.600	9.546 347	20	9.575 044	23	0.424 956	9.971 303	3	**.400**	
	cos	d	cotg	d	tang	sin	d	**69°**	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.450 — 69°.400

20°.600 — 20°.650

20°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9·546 347		9·575 044		0·424 956	9·971 303		**.400**	
		20		23			2		
601	9·546 367		9·575 067		0·424 933	9·971 301		399	
602	9·546 388	21	9·575 090	23	0·424 910	9·971 298	3	398	
603	9·546 408	20	9·575 113	23	0·424 887	9·971 295	3	397	
		20		23			3		
604	9·546 428		9·575 136		0·424 864	9·971 292		396	
605	9·546 448	20	9·575 159	23	0·424 841	9·971 289	3	395	
606	9·546 468	20	9·575 182	23	0·424 818	9·971 286	3	394	
		20		23			2		
607	9·546 488		9·575 205		0·424 795	9·971 284		393	
608	9·546 509	21	9·575 228	23	0·424 772	9·971 281	3	392	
609	9·546 529	20	9·575 251	23	0·424 749	9·971 278	3	391	
		20		23			3		
.610	9·546 549		9·575 274		0·424 726	9·971 275		**.390**	
		20		23			3		
611	9·546 569		9·575 297		0·424 703	9·971 272		389	
612	9·546 589	20	9·575 320	23	0·424 680	9·971 269	3	388	
613	9·546 609	20	9·575 343	23	0·424 657	9·971 266	3	387	
		20		23			2		
614	9·546 629		9·575 366		0·424 634	9·971 264		386	
615	9·546 650	21	9·575 389	23	0·424 611	9·971 261	3	385	
616	9·546 670	20	9·575 412	23	0·424 588	9·971 258	3	384	
		20		23			3		
617	9·546 690		9·575 435		0·424 565	9·971 255		383	
618	9·546 710	20	9·575 458	23	0·424 542	9·971 252	3	382	
619	9·546 730	20	9·575 481	23	0·424 519	9·971 249	3	381	
		20		23			3		
.620	9·546 750		9·575 504		0·424 496	9·971 246		**.380**	
		20		23			2		
621	9·546 770		9·575 527		0·424 473	9·971 244		379	
622	9·546 791	21	9·575 550	23	0·424 450	9·971 241	3	378	
623	9·546 811	20	9·575 573	23	0·424 427	9·971 238	3	377	
		20		23			3		
624	9·546 831		9·575 596		0·424 404	9·971 235		376	
625	9·546 851	20	9·575 619	23	0·424 381	9·971 232	3	375	
626	9·546 871	20	9·575 642	23	0·424 358	9·971 229	3	374	
		20		23			3		
627	9·546 891		9·575 665		0·424 335	9·971 226		373	
628	9·546 911	20	9·575 688	23	0·424 312	9·971 224	2	372	
629	9·546 932	21	9·575 711	23	0·424 289	9·971 221	3	371	
		20		23			3		
.630	9·546 952		9·575 734		0·424 266	9·971 218		**.370**	
		20		23			3		
631	9·546 972		9·575 757		0·424 243	9·971 215		369	
632	9·546 992	20	9·575 780	23	0·424 220	9·971 212	3	368	
633	9·547 012	20	9·575 803	23	0·424 197	9·971 209	3	367	
		20		23			2		
634	9·547 032		9·575 826		0·424 174	9·971 207		366	
635	9·547 052	20	9·575 849	23	0·424 151	9·971 204	3	365	
636	9·547 073	21	9·575 872	23	0·424 128	9·971 201	3	364	
		20		23			3		
637	9·547 093		9·575 895		0·424 105	9·971 198		363	
638	9·547 113	20	9·575 918	23	0·424 082	9·971 195	3	362	
639	9·547 133	20	9·575 941	23	0·424 059	9·971 192	3	361	
		20		23			3		
.640	9·547 153		9·575 964		0·424 036	9·971 189		**.360**	
		20		23			2		
641	9·547 173		9·575 987		0·424 013	9·971 187		359	
642	9·547 193	20	9·576 010	23	0·423 990	9·971 184	3	358	
643	9·547 213	20	9·576 033	23	0·423 967	9·971 181	3	357	
		21		23			3		
644	9·547 234		9·576 056		0·423 944	9·971 178		356	
645	9·547 254	20	9·576 079	23	0·423 921	9·971 175	3	355	
646	9·547 274	20	9·576 101	22	0·423 899	9·971 172	3	354	
		20		23			3		
647	9·547 294		9·576 124		0·423 876	9·971 169		353	
648	9·547 314	20	9·576 147	23	0·423 853	9·971 167	2	352	
649	9·547 334	20	9·576 170	23	0·423 830	9·971 164	3	351	
		20		23			3		
.650	9·547 354		9·576 193		0·423 807	9·971 161		**.350**	
	cos	d	cotg	d	tang	sin	d	**69°**	P.P.

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.400 — 69°.350

20°.650 — 20°.700

20°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9·547 354		9·576 193		0·423 807	9·971 161		**.350**	
		20		23			3		
651	9·547 374		9·576 216		0·423 784	9·971 158		349	
652	9·547 394	20	9·576 239	23	0·423 761	9·971 155	3	348	
653	9·547 415	21	9·576 262	23	0·423 738	9·971 152	3	347	
		20		23			3		
654	9·547 435		9·576 285		0·423 715	9·971 149		346	
655	9·547 455	20	9·576 308	23	0·423 692	9·971 147	2	345	
656	9·547 475	20	9·576 331	23	0·423 669	9·971 144	3	344	
		20		23			3		
657	9·547 495		9·576 354		0·423 646	9·971 141		343	
658	9·547 515	20	9·576 377	23	0·423 623	9·971 138	3	342	
659	9·547 535	20	9·576 400	23	0·423 600	9·971 135	3	341	
		20		23			3		
.660	9·547 555		9·576 423		0·423 577	9·971 132		**.340**	
		20		23			3		
661	9·547 575		9·576 446		0·423 554	9·971 129		339	
662	9·547 595	20	9·576 469	23	0·423 531	9·971 127	2	338	
663	9·547 616	21	9·576 492	23	0·423 508	9·971 124	3	337	
		20		23			3		
664	9·547 636		9·576 515		0·423 485	9·971 121		336	
665	9·547 656	20	9·576 538	23	0·423 462	9·971 118	3	335	
666	9·547 676	20	9·576 561	23	0·423 439	9·971 115	3	334	
		20		23			3		
667	9·547 696		9·576 584		0·423 416	9·971 112		333	
668	9·547 716	20	9·576 607	23	0·423 393	9·971 109	3	332	
669	9·547 736	20	9·576 630	23	0·423 370	9·971 107	2	331	
		20		23			3		
.670	9·547 756		9·576 653		0·423 347	9·971 104		**.330**	
		20		23			3		
671	9·547 776		9·576 676		0·423 324	9·971 101		329	
672	9·547 796	20	9·576 698	22	0·423 302	9·971 098	3	328	
673	9·547 817	21	9·576 721	23	0·423 279	9·971 095	3	327	
		20		23			3		
674	9·547 837		9·576 744		0·423 256	9·971 092		326	
675	9·547 857	20	9·576 767	23	0·423 233	9·971 089	3	325	
676	9·547 877	20	9·576 790	23	0·423 210	9·971 087	2	324	
		20		23			3		
677	9·547 897		9·576 813		0·423 187	9·971 084		323	
678	9·547 917	20	9·576 836	23	0·423 164	9·971 081	3	322	
679	9·547 937	20	9·576 859	23	0·423 141	9·971 078	3	321	
		20		23			3		
.680	9·547 957		9·576 882		0·423 118	9·971 075		**.320**	
		20		23			3		
681	9·547 977		9·576 905		0·423 095	9·971 072		319	
682	9·547 997	20	9·576 928	23	0·423 072	9·971 069	3	318	
683	9·548 017	20	9·576 951	23	0·423 049	9·971 066	3	317	
		20		23			2		
684	9·548 037		9·576 974		0·423 026	9·971 064		316	
685	9·548 057	20	9·576 997	23	0·423 003	9·971 061	3	315	
686	9·548 078	21	9·577 020	23	0·422 980	9·971 058	3	314	
		20		23			3		
687	9·548 098		9·577 043		0·422 957	9·971 055		313	
688	9·548 118	20	9·577 066	23	0·422 934	9·971 052	3	312	
689	9·548 138	20	9·577 088	22	0·422 912	9·971 049	3	311	
		20		23			3		
.690	9·548 158		9·577 111		0·422 889	9·971 046		**.310**	
		20		23			2		
691	9·548 178		9·577 134		0·422 866	9·971 044		309	
692	9·548 198	20	9·577 157	23	0·422 843	9·971 041	3	308	
693	9·548 218	20	9·577 180	23	0·422 820	9·971 038	3	307	
		20		23			3		
694	9·548 238		9·577 203		0·422 797	9·971 035		306	
695	9·548 258	20	9·577 226	23	0·422 774	9·971 032	3	305	
696	9·548 278	20	9·577 249	23	0·422 751	9·971 029	3	304	
		20		23			3		
697	9·548 298		9·577 272		0·422 728	9·971 026		303	
698	9·548 318	20	9·577 295	23	0·422 705	9·971 024	2	302	
699	9·548 338	20	9·577 318	23	0·422 682	9·971 021	3	301	
		21		23			3		
.700	9·548 359		9·577 341		0·422 659	9·971 018		**.300**	
	cos	d	cotg	d	tang	sin	d	**69°**	P.P.

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.350 — 69°.300

20°.700 — 20°.750

20°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9·548 359	20	9·577 341	23	0.422 659	9·971 018	3	**.300**	
701	9·548 379	20	9·577 364	23	0.422 636	9·971 015	3	299	
702	9·548 399	20	9·577 387	22	0.422 613	9·971 012	3	298	
703	9·548 419	20	9·577 409	23	0.422 591	9·971 009	3	297	
704	9·548 439	20	9·577 432	23	0.422 568	9·971 006	3	296	
705	9·548 459	20	9·577 455	23	0.422 545	9·971 003	2	295	
706	9·548 479	20	9·577 478	23	0.422 522	9·971 001	3	294	
707	9·548 499	20	9·577 501	23	0.422 499	9·970 998	3	293	
708	9·548 519	20	9·577 524	23	0.422 476	9·970 995	3	292	
709	9·548 539	20	9·577 547	23	0.422 453	9·970 992	3	291	
.710	9·548 559	20	9·577 570	23	0.422 430	9·970 989	3	**.290**	
711	9·548 579	20	9·577 593	23	0.422 407	9·970 986	3	289	
712	9·548 599	20	9·577 616	23	0.422 384	9·970 983	3	288	
713	9·548 619	20	9·577 639	23	0.422 361	9·970 981	2	287	
714	9·548 639	20	9·577 662	22	0.422 338	9·970 978	3	286	
715	9·548 659	20	9·577 684	23	0.422 316	9·970 975	3	285	
716	9·548 679	20	9·577 707	23	0.422 293	9·970 972	3	284	
717	9·548 699	20	9·577 730	23	0.422 270	9·970 969	3	283	
718	9·548 719	20	9·577 753	23	0.422 247	9·970 966	3	282	
719	9·548 739	20	9·577 776	23	0.422 224	9·970 963	3	281	
.720	9·548 759	21	9·577 799	23	0.422 201	9·970 960	3	**.280**	
721	9·548 780	20	9·577 822	23	0.422 178	9·970 958	2	279	
722	9·548 800	20	9·577 845	23	0.422 155	9·970 955	3	278	
723	9·548 820	20	9·577 868	23	0.422 132	9·970 952	3	277	
724	9·548 840	20	9·577 891	23	0.422 109	9·970 949	3	276	
725	9·548 860	20	9·577 914	23	0.422 086	9·970 946	3	275	
726	9·548 880	20	9·577 936	22	0.422 064	9·970 943	3	274	
727	9·548 900	20	9·577 959	23	0.422 041	9·970 940	3	273	
728	9·548 920	20	9·577 982	23	0.422 018	9·970 938	2	272	
729	9·548 940	20	9·578 005	23	0.421 995	9·970 935	3	271	
.730	9·548 960	20	9·578 028	23	0.421 972	9·970 932	3	**.270**	
731	9·548 980	20	9·578 051	23	0.421 949	9·970 929	3	269	
732	9·549 000	20	9·578 074	23	0.421 926	9·970 926	3	268	
733	9·549 020	20	9·578 097	23	0.421 903	9·970 923	3	267	
734	9·549 040	20	9·578 120	22	0.421 880	9·970 920	3	266	
735	9·549 060	20	9·578 142	23	0.421 858	9·970 917	3	265	
736	9·549 080	20	9·578 165	23	0.421 835	9·970 915	2	264	
737	9·549 100	20	9·578 188	23	0.421 812	9·970 912	3	263	
738	9·549 120	20	9·578 211	23	0.421 789	9·970 909	3	262	
739	9·549 140	20	9·578 234	23	0.421 766	9·970 906	3	261	
.740	9·549 160	20	9·578 257	23	0.421 743	9·970 903	3	**.260**	
741	9·549 180	20	9·578 280	23	0.421 720	9·970 900	3	259	
742	9·549 200	20	9·578 303	23	0.421 697	9·970 897	3	258	
743	9·549 220	20	9·578 326	22	0.421 674	9·970 895	2	257	
744	9·549 240	20	9·578 348	23	0.421 652	9·970 892	3	256	
745	9·549 260	20	9·578 371	23	0.421 629	9·970 889	3	255	
746	9·549 280	20	9·578 394	23	0.421 606	9·970 886	3	254	
747	9·549 300	20	9·578 417	23	0.421 583	9·970 883	3	253	
748	9·549 320	20	9·578 440	23	0.421 560	9·970 880	3	252	
749	9·549 340	20	9·578 463	23	0.421 537	9·970 877	3	251	
.750	9·549 360		9·578 486		0.421 514	9·970 874	3	**.250**	
	cos	d	cotg	d	tang	sin	d	**69°**	P.P.

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.300 — 69°.250

20°.750 — 20°.800

20°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.549 360	20	9.578 486	23	0.421 514	9.970 874	2	**.250**	
751	9.549 380	20	9.578 509	23	0.421 491	9.970 872	3	249	
752	9.549 400	20	9.578 532	22	0.421 468	9.970 869	3	248	
753	9.549 420	20	9.578 554	23	0.421 446	9.970 866	3	247	
754	9.549 440	20	9.578 577	23	0.421 423	9.970 863	3	246	23
755	9.549 460	20	9.578 600	23	0.421 400	9.970 860	3	245	1 2.3
756	9.549 480	20	9.578 623	23	0.421 377	9.970 857	3	244	2 4.6
757	9.549 500	20	9.578 646	23	0.421 354	9.970 854	3	243	3 6.9
758	9.549 520	20	9.578 669	23	0.421 331	9.970 851	3	242	4 9.2
759	9.549 540	20	9.578 692	23	0.421 308	9.970 849	2	241	5 11.5
.760	9.549 560	20	9.578 714	22	0.421 286	9.970 846	3	**.240**	6 13.8
761	9.549 580	20	9.578 737	23	0.421 263	9.970 843	3	239	7 16.1
762	9.549 600	20	9.578 760	23	0.421 240	9.970 840	3	238	8 18.4
763	9.549 620	20	9.578 783	23	0.421 217	9.970 837	3	237	9 20.7
764	9.549 640	20	9.578 806	23	0.421 194	9.970 834	3	236	
765	9.549 660	20	9.578 829	23	0.421 171	9.970 831	3	235	
766	9.549 680	20	9.578 852	23	0.421 148	9.970 828	3	234	22
767	9.549 700	20	9.578 875	23	0.421 125	9.970 826	2	233	1 2.2
768	9.549 720	20	9.578 897	22	0.421 103	9.970 823	3	232	2 4.4
769	9.549 740	20	9.578 920	23	0.421 080	9.970 820	3	231	3 6.6
.770	9.549 760	20	9.578 943	23	0.421 057	9.970 817	3	**.230**	4 8.8
771	9.549 780	20	9.578 966	23	0.421 034	9.970 814	3	229	5 11.0
772	9.549 800	20	9.578 989	23	0.421 011	9.970 811	3	228	6 13.2
773	9.549 820	20	9.579 012	23	0.420 988	9.970 808	3	227	7 15.4
774	9.549 840	20	9.579 035	23	0.420 965	9.970 805	3	226	8 17.6
775	9.549 860	20	9.579 057	22	0.420 943	9.970 803	2	225	9 19.8
776	9.549 880	20	9.579 080	23	0.420 920	9.970 800	3	224	
777	9.549 900	20	9.579 103	23	0.420 897	9.970 797	3	223	
778	9.549 920	20	9.579 126	23	0.420 874	9.970 794	3	222	20
779	9.549 940	20	9.579 149	23	0.420 851	9.970 791	3	221	1 2.0
.780	9.549 960	20	9.579 172	23	0.420 828	9.970 788	3	**.220**	2 4.0
781	9.549 980	20	9.579 195	22	0.420 805	9.970 785	3	219	3 6.0
782	9.550 000	20	9.579 217	23	0.420 783	9.970 782	2	218	4 8.0
783	9.550 020	20	9.579 240	23	0.420 760	9.970 780	3	217	5 10.0
784	9.550 040	20	9.579 263	23	0.420 737	9.970 777	3	216	6 12.0
785	9.550 060	20	9.579 286	23	0.420 714	9.970 774	3	215	7 14.0
786	9.550 080	20	9.579 309	23	0.420 691	9.970 771	3	214	8 16.0
787	9.550 100	20	9.579 332	23	0.420 668	9.970 768	3	213	9 18.0
788	9.550 120	20	9.579 354	22	0.420 646	9.970 765	3	212	
789	9.550 140	20	9.579 377	23	0.420 623	9.970 762	3	211	
.790	9.550 160	20	9.579 400	23	0.420 600	9.970 759	3	**.210**	19
791	9.550 180	20	9.579 423	23	0.420 577	9.970 757	2	209	1 1.9
792	9.550 200	20	9.579 446	23	0.420 554	9.970 754	3	208	2 3.8
793	9.550 219	19	9.579 469	23	0.420 531	9.970 751	3	207	3 5.7
794	9.550 239	20	9.579 492	23	0.420 508	9.970 748	3	206	4 7.6
795	9.550 259	20	9.579 514	22	0.420 486	9.970 745	3	205	5 9.5
796	9.550 279	20	9.579 537	23	0.420 463	9.970 742	3	204	6 11.4
797	9.550 299	20	9.579 560	23	0.420 440	9.970 739	3	203	7 13.3
798	9.550 319	20	9.579 583	23	0.420 417	9.970 736	3	202	8 15.2
799	9.550 339	20	9.579 606	23	0.420 394	9.970 734	2	201	9 17.1
.800	9.550 359	20	9.579 629	23	0.420 371	9.970 731	3	**.200**	
	cos	d	cotg	d	tang	sin	d	**69°**	P.P.

69°.250 — 69°.200

20°.800 — 20°.850

20°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9·550 359		9·579 629		0·420 371	9·970 731		**.200**	
		20		22			3		
801	9·550 379		9·579 651		0·420 349	9·970 728		199	
802	9·550 399	20	9·579 674	23	0·420 326	9·970 725	3	198	
803	9·550 419	20	9·579 697	23	0·420 303	9·970 722	3	197	
		20		23			3		23
804	9·550 439		9·579 720		0·420 280	9·970 719		196	1 2.3
805	9·550 459	20	9·579 743	23	0·420 257	9·970 716	3	195	2 4.6
806	9·550 479	20	9·579 766	23	0·420 234	9·970 713	3	194	3 6.9
		20		22			3		4 9.2
807	9·550 499		9·579 788		0·420 212	9·970 710		193	5 11.5
808	9·550 519	20	9·579 811	23	0·420 189	9·970 708	2	192	6 13.8
809	9·550 539	20	9·579 834	23	0·420 166	9·970 705	3	191	7 16.1
		20		23			3		8 18.4
.810	9·550 559		9·579 857		0·420 143	9·970 702		**.190**	9 20.7
		20		23			3		
811	9·550 579		9·579 880		0·420 120	9·970 699		189	
812	9·550 599	20	9·579 902	22	0·420 098	9·970 696	3	188	
813	9·550 619	20	9·579 925	23	0·420 075	9·970 693	3	187	
		19		23			3		
814	9·550 638		9·579 948		0·420 052	9·970 690		186	
815	9·550 658	20	9·579 971	23	0·420 029	9·970 687	3	185	
816	9·550 678	20	9·579 994	23	0·420 006	9·970 685	2	184	22
		20		23			3		
817	9·550 698		9·580 017		0·419 983	9·970 682		183	1 2.2
818	9·550 718	20	9·580 039	22	0·419 961	9·970 679	3	182	2 4.4
819	9·550 738	20	9·580 062	23	0·419 938	9·970 676	3	181	3 6.6
		20		23			3		4 8.8
.820	9·550 758		9·580 085		0·419 915	9·970 673		**.180**	5 11.0
		20		23			3		6 13.2
821	9·550 778		9·580 108		0·419 892	9·970 670		179	7 15.4
822	9·550 798	20	9·580 131	23	0·419 869	9·970 667	3	178	8 17.6
823	9·550 818	20	9·580 153	22	0·419 847	9·970 664	3	177	9 19.8
		20		23			3		
824	9·550 838		9·580 176		0·419 824	9·970 661		176	
825	9·550 858	20	9·580 199	23	0·419 801	9·970 659	2	175	
826	9·550 878	20	9·580 222	23	0·419 778	9·970 656	3	174	
		20		23			3		
827	9·550 898		9·580 245		0·419 755	9·970 653		173	20
828	9·550 917	19	9·580 268	23	0·419 732	9·970 650	3	172	
829	9·550 937	20	9·580 290	22	0·419 710	9·970 647	3	171	1 2.0
		20		23			3		2 4.0
.830	9·550 957		9·580 313		0·419 687	9·970 644		**.170**	3 6.0
		20		23			3		4 8.0
831	9·550 977		9·580 336		0·419 664	9·970 641		169	5 10.0
832	9·550 997	20	9·580 359	23	0·419 641	9·970 638	3	168	6 12.0
833	9·551 017	20	9·580 382	23	0·419 618	9·970 636	2	167	7 14.0
		20		22			3		8 16.0
834	9·551 037		9·580 404		0·419 596	9·970 633		166	9 18.0
835	9·551 057	20	9·580 427	23	0·419 573	9·970 630	3	165	
836	9·551 077	20	9·580 450	23	0·419 550	9·970 627	3	164	
		20		23			3		
837	9·551 097		9·580 473		0·419 527	9·970 624		163	
838	9·551 117	20	9·580 496	23	0·419 504	9·970 621	3	162	
839	9·551 137	20	9·580 518	22	0·419 482	9·970 618	3	161	19
		20		23			3		
.840	9·551 157		9·580 541		0·419 459	9·970 615		**.160**	1 1.9
		19		23			3		2 3.8
841	9·551 176		9·580 564		0·419 436	9·970 612		159	3 5.7
842	9·551 196	20	9·580 587	23	0·419 413	9·970 610	2	158	4 7.6
843	9·551 216	20	9·580 610	23	0·419 390	9·970 607	3	157	5 9.5
		20		22			3		6 11.4
844	9·551 236		9·580 632		0·419 368	9·970 604		156	7 13.3
845	9·551 256	20	9·580 655	23	0·419 345	9·970 601	3	155	8 15.2
846	9·551 276	20	9·580 678	23	0·419 322	9·970 598	3	154	9 17.1
		20		23			3		
847	9·551 296		9·580 701		0·419 299	9·970 595		153	
848	9·551 316	20	9·580 724	23	0·419 276	9·970 592	3	152	
849	9·551 336	20	9·580 746	22	0·419 254	9·970 589	3	151	
		20		23			3		
.850	9·551 356		9·580 769		0·419 231	9·970 586		**.150**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.200 — 69°.150

20°.850 — 20°.900

20°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.551 356		9.580 769		0.419 231	9.970 586		**.150**	
		19		23			2		
851	9.551 375		9.580 792		0.419 208	9.970 584		149	
852	9.551 395	20	9.580 815	23	0.419 185	9.970 581	3	148	
853	9.551 415	20	9.580 837	22	0.419 163	9.970 578	3	147	
		20		23			3		23
854	9.551 435		9.580 860		0.419 140	9.970 575		146	1 2.3
855	9.551 455	20	9.580 883	23	0.419 117	9.970 572	3	145	2 4.6
856	9.551 475	20	9.580 906	23	0.419 094	9.970 569	3	144	3 6.9
		20		23			3		4 9.2
857	9.551 495		9.580 929		0.419 071	9.970 566		143	5 11.5
858	9.551 515	20	9.580 951	22	0.419 049	9.970 563	3	142	6 13.8
859	9.551 535	20	9.580 974	23	0.419 026	9.970 560	3	141	7 16.1
		20		23			2		8 18.4
.860	9.551 555		9.580 997		0.419 003	9.970 558		**.140**	9 20.7
		19		23			3		
861	9.551 574		9.581 020		0.418 980	9.970 555		139	
862	9.551 594	20	9.581 043	23	0.418 957	9.970 552	3	138	
863	9.551 614	20	9.581 065	22	0.418 935	9.970 549	3	137	
		20		23			3		
864	9.551 634		9.581 088		0.418 912	9.970 546		136	
865	9.551 654	20	9.581 111	23	0.418 889	9.970 543	3	135	
866	9.551 674	20	9.581 134	23	0.418 866	9.970 540	3	134	22
		20		22			3		1 2.2
867	9.551 694		9.581 156		0.418 844	9.970 537		133	2 4.4
868	9.551 714	20	9.581 179	23	0.418 821	9.970 534	3	132	3 6.6
869	9.551 734	20	9.581 202	23	0.418 798	9.970 532	2	131	4 8.8
		19		23			3		5 11.0
.870	9.551 753		9.581 225		0.418 775	9.970 529		**.130**	6 13.2
		20		22			3		7 15.4
871	9.551 773		9.581 247		0.418 753	9.970 526		129	8 17.6
872	9.551 793	20	9.581 270	23	0.418 730	9.970 523	3	128	9 19.8
873	9.551 813	20	9.581 293	23	0.418 707	9.970 520	3	127	
		20		23			3		
874	9.551 833		9.581 316		0.418 684	9.970 517		126	
875	9.551 853	20	9.581 339	23	0.418 661	9.970 514	3	125	
876	9.551 873	20	9.581 361	22	0.418 639	9.970 511	3	124	
		20		23			3		
877	9.551 893		9.581 384		0.418 616	9.970 508		123	20
878	9.551 912	19	9.581 407	23	0.418 593	9.970 506	2	122	
879	9.551 932	20	9.581 430	23	0.418 570	9.970 503	3	121	1 2.0
		20		22			3		2 4.0
.880	9.551 952		9.581 452		0.418 548	9.970 500		**.120**	3 6.0
		20		23			3		4 8.0
881	9.551 972		9.581 475		0.418 525	9.970 497		119	5 10.0
882	9.551 992	20	9.581 498	23	0.418 502	9.970 494	3	118	6 12.0
883	9.552 012	20	9.581 521	23	0.418 479	9.970 491	3	117	7 14.0
		20		22			3		8 16.0
884	9.552 032		9.581 543		0.418 457	9.970 488		116	9 18.0
885	9.552 052	20	9.581 566	23	0.418 434	9.970 485	3	115	
886	9.552 071	19	9.581 589	23	0.418 411	9.970 482	3	114	
		20		23			2		
887	9.552 091		9.581 612		0.418 388	9.970 480		113	
888	9.552 111	20	9.581 634	22	0.418 366	9.970 477	3	112	
889	9.552 131	20	9.581 657	23	0.418 343	9.970 474	3	111	19
		20		23			3		
.890	9.552 151		9.581 680		0.418 320	9.970 471		**.110**	1 1.9
		20		23			3		2 3.8
891	9.552 171		9.581 703		0.418 297	9.970 468		109	3 5.7
892	9.552 191	20	9.581 725	22	0.418 275	9.970 465	3	108	4 7.6
893	9.552 210	19	9.581 748	23	0.418 252	9.970 462	3	107	5 9.5
		20		23			3		6 11.4
894	9.552 230		9.581 771		0.418 229	9.970 459		106	7 13.3
895	9.552 250	20	9.581 794	23	0.418 206	9.970 456	3	105	8 15.2
896	9.552 270	20	9.581 816	22	0.418 184	9.970 454	2	104	9 17.1
		20		23			3		
897	9.552 290		9.581 839		0.418 161	9.970 451		103	
898	9.552 310	20	9.581 862	23	0.418 138	9.970 448	3	102	
899	9.552 330	20	9.581 885	23	0.418 115	9.970 445	3	101	
		19		22			3		
.900	9.552 349		9.581 907		0.418 093	9.970 442		**.100**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.150 — 69°.100

20°.900 — 20°.950

20°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9·552 349		9·581 907		0.418 093	9·970 442		**.100**	
		20		23			3		
901	9·552 369		9·581 930		0.418 070	9·970 439		099	
902	9·552 389	20	9·581 953	23	0.418 047	9·970 436	3	098	
903	9·552 409	20	9·581 976	23	0.418 024	9·970 433	3	097	
		20		22			3		
904	9·552 429		9·581 998		0.418 002	9·970 430		096	
905	9·552 449	20	9·582 021	23	0.417 979	9·970 427	3	095	
906	9·552 468	19	9·582 044	23	0.417 956	9·970 425	2	094	
		20		23			3		
907	9·552 488		9·582 067		0.417 933	9·970 422		093	
908	9·552 508	20	9·582 089	22	0.417 911	9·970 419	3	092	
909	9·552 528	20	9·582 112	23	0.417 888	9·970 416	3	091	
		20		23			3		
.910	9·552 548		9·582 135		0.417 865	9·970 413		**.090**	
		20		23			3		
911	9·552 568		9·582 158		0.417 842	9·970 410		089	
912	9·552 587	19	9·582 180	22	0.417 820	9·970 407	3	088	
913	9·552 607	20	9·582 203	23	0.417 797	9·970 404	3	087	
		20		23			3		
914	9·552 627		9·582 226		0.417 774	9·970 401		086	
915	9·552 647	20	9·582 248	22	0.417 752	9·970 399	2	085	
916	9·552 667	20	9·582 271	23	0.417 729	9·970 396	3	084	
		20		23			3		
917	9·552 687		9·582 294		0.417 706	9·970 393		083	
918	9·552 706	19	9·582 317	23	0.417 683	9·970 390	3	082	
919	9·552 726	20	9·582 339	22	0.417 661	9·970 387	3	081	
		20		23			3		
.920	9·552 746		9·582 362		0.417 638	9·970 384		**.080**	
		20		23			3		
921	9·552 766		9·582 385		0.417 615	9·970 381		079	
922	9·552 786	20	9·582 408	23	0.417 592	9·970 378	3	078	
923	9·552 806	20	9·582 430	22	0.417 570	9·970 375	3	077	
		19		23			3		
924	9·552 825		9·582 453		0.417 547	9·970 372		076	
925	9·552 845	20	9·582 476	23	0.417 524	9·970 370	2	075	
926	9·552 865	20	9·582 498	22	0.417 502	9·970 367	3	074	
		20		23			3		
927	9·552 885		9·582 521		0.417 479	9·970 364		073	
928	9·552 905	20	9·582 544	23	0.417 456	9·970 361	3	072	
929	9·552 925	20	9·582 567	23	0.417 433	9·970 358	3	071	
		19		22			3		
.930	9·552 944		9·582 589		0.417 411	9·970 355		**.070**	
		20		23			3		
931	9·552 964		9·582 612		0.417 388	9·970 352		069	
932	9·552 984	20	9·582 635	23	0.417 365	9·970 349	3	068	
933	9·553 004	20	9·582 658	23	0.417 342	9·970 346	3	067	
		20		22			3		
934	9·553 024		9·582 680		0.417 320	9·970 343		066	
935	9·553 043	19	9·582 703	23	0.417 297	9·970 341	2	065	
936	9·553 063	20	9·582 726	23	0.417 274	9·970 338	3	064	
		20		22			3		
937	9·553 083		9·582 748		0.417 252	9·970 335		063	
938	9·553 103	20	9·582 771	23	0.417 229	9·970 332	3	062	
939	9·553 123	20	9·582 794	23	0.417 206	9·970 329	3	061	
		20		22			3		
.940	9·553 143		9·582 816		0.417 184	9·970 326		**.060**	
		19		23			3		
941	9·553 162		9·582 839		0.417 161	9·970 323		059	
942	9·553 182	20	9·582 862	23	0.417 138	9·970 320	3	058	
943	9·553 202	20	9·582 885	23	0.417 115	9·970 317	3	057	
		20		22			3		
944	9·553 222		9·582 907		0.417 093	9·970 314		056	
945	9·553 242	20	9·582 930	23	0.417 070	9·970 312	2	055	
946	9·553 261	19	9·582 953	23	0.417 047	9·970 309	3	054	
		20		22			3		
947	9·553 281		9·582 975		0.417 025	9·970 306		053	
948	9·553 301	20	9·582 998	23	0.417 002	9·970 303	3	052	
949	9·553 321	20	9·583 021	23	0.416 979	9·970 300	3	051	
		20		23			3		
.950	9·553 341		9·583 044		0.416 956	9·970 297		**.050**	
	cos	d	cotg	d	tang	sin	d	**69°**	P.P.

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

69°.100 — 69°.050

20°.950 — 21°.000

20°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9·553 341	19	9·583 044	22	0.416 956	9·970 297	3	**.050**	
951	9·553 360	20	9·583 066	23	0.416 934	9·970 294	3	049	
952	9·553 380	20	9·583 089	23	0.416 911	9·970 291	3	048	
953	9·553 400	20	9·583 112	22	0.416 888	9·970 288	3	047	
954	9·553 420	20	9·583 134	23	0.416 866	9·970 285	2	046	23
955	9·553 440	19	9·583 157	23	0.416 843	9·970 283	3	045	1 2.3
956	9·553 459	20	9·583 180	22	0.416 820	9·970 280	3	044	2 4.6
957	9·553 479	20	9·583 202	23	0.416 798	9·970 277	3	043	3 6.9
958	9·553 499	20	9·583 225	23	0.416 775	9·970 274	3	042	4 9.2
959	9·553 519	19	9·583 248	22	0.416 752	9·970 271	3	041	5 11.5
.960	9·553 538	20	9·583 270	23	0.416 730	9·970 268	3	**.040**	6 13.8
961	9·553 558	20	9·583 293	23	0.416 707	9·970 265	3	039	7 16.1
962	9·553 578	20	9·583 316	23	0.416 684	9·970 262	3	038	8 18.4
963	9·553 598	20	9·583 339	22	0.416 661	9·970 259	3	037	9 20.7
964	9·553 618	19	9·583 361	23	0.416 639	9·970 256	3	036	
965	9·553 637	20	9·583 384	23	0.416 616	9·970 253	3	035	
966	9·553 657	20	9·583 407	22	0.416 593	9·970 251	2	034	22
967	9·553 677	20	9·583 429	23	0.416 571	9·970 248	3	033	1 2.2
968	9·553 697	20	9·583 452	23	0.416 548	9·970 245	3	032	2 4.4
969	9·553 717	19	9·583 475	22	0.416 525	9·970 242	3	031	3 6.6
.970	9·553 736	20	9·583 497	23	0.416 503	9·970 239	3	**.030**	4 8.8
971	9·553 756	20	9·583 520	23	0.416 480	9·970 236	3	029	5 11.0
972	9·553 776	20	9·583 543	22	0.416 457	9·970 233	3	028	6 13.2
973	9·553 796	19	9·583 565	23	0.416 435	9·970 230	3	027	7 15.4
974	9·553 815	20	9·583 588	23	0.416 412	9·970 227	3	026	8 17.6
975	9·553 835	20	9·583 611	22	0.416 389	9·970 224	3	025	9 19.8
976	9·553 855	20	9·583 633	23	0.416 367	9·970 222	2	024	
977	9·553 875	19	9·583 656	23	0.416 344	9·970 219	3	023	
978	9·553 894	20	9·583 679	22	0.416 321	9·970 216	3	022	20
979	9·553 914	20	9·583 701	23	0.416 299	9·970 213	3	021	1 2.0
.980	9·553 934	20	9·583 724	23	0.416 276	9·970 210	3	**.020**	2 4.0
981	9·553 954	20	9·583 747	22	0.416 253	9·970 207	3	019	3 6.0
982	9·553 974	19	9·583 769	23	0.416 231	9·970 204	3	018	4 8.0
983	9·553 993	20	9·583 792	23	0.416 208	9·970 201	3	017	5 10.0
984	9·554 013	20	9·583 815	22	0.416 185	9·970 198	3	016	6 12.0
985	9·554 033	20	9·583 837	23	0.416 163	9·970 195	3	015	7 14.0
986	9·554 053	19	9·583 860	23	0.416 140	9·970 192	3	014	8 16.0
987	9·554 072	20	9·583 883	22	0.416 117	9·970 190	2	013	9 18.0
988	9·554 092	20	9·583 905	23	0.416 095	9·970 187	3	012	
989	9·554 112	20	9·583 928	23	0.416 072	9·970 184	3	011	
.990	9·554 132	19	9·583 951	22	0.416 049	9·970 181	3	**.010**	19
991	9·554 151	20	9·583 973	23	0.416 027	9·970 178	3	009	1 1.9
992	9·554 171	20	9·583 996	23	0.416 004	9·970 175	3	008	2 3.8
993	9·554 191	20	9·584 019	22	0.415 981	9·970 172	3	007	3 5.7
994	9·554 211	19	9·584 041	23	0.415 959	9·970 169	3	006	4 7.6
995	9·554 230	20	9·584 064	23	0.415 936	9·970 166	3	005	5 9.5
996	9·554 250	20	9·584 087	22	0.415 913	9·970 163	3	004	6 11.4
997	9·554 270	20	9·584 109	23	0.415 891	9·970 160	2	003	7 13.3
998	9·554 290	19	9·584 132	23	0.415 868	9·970 158	3	002	8 15.2
999	9·554 309	20	9·584 155	22	0.415 845	9·970 155	3	001	9 17.1
***000**	9·554 329		9·584 177		0.415 823	9·970 152		**.000**	
	cos	d	cotg	d	tang	sin	d	**69°**	P.P.

69°.050 — 69°.000

21°.000 — 21°.050

21°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9·554 329		9·584 177		0.415 823	9.970 152		*000	
		20		23			3		
001	9·554 349		9·584 200		0.415 800	9.970 149		999	
002	9·554 369	20	9·584 223	23	0.415 777	9.970 146	3	998	
003	9·554 388	19	9·584 245	22	0.415 755	9.970 143	3	997	
		20		23			3		
004	9·554 408		9·584 268		0.415 732	9.970 140		996	
005	9·554 428	20	9·584 291	23	0.415 709	9.970 137	3	995	
006	9·554 448	20	9·584 313	22	0.415 687	9.970 134	3	994	
		19		23			3		
007	9·554 467		9·584 336		0.415 664	9.970 131		993	
008	9·554 487	20	9·584 359	23	0.415 641	9.970 128	3	992	
009	9·554 507	20	9·584 381	22	0.415 619	9.970 126	2	991	
		20		23			3		
.010	9·554 527		9·584 404		0.415 596	9.970 123		.990	
		19		23			3		
011	9·554 546		9·584 427		0.415 573	9.970 120		989	
012	9·554 566	20	9·584 449	22	0.415 551	9.970 117	3	988	
013	9·554 586	20	9·584 472	23	0.415 528	9.970 114	3	987	
		20		23			3		
014	9·554 606		9·584 495		0.415 505	9.970 111		986	
015	9·554 625	19	9·584 517	22	0.415 483	9.970 108	3	985	
016	9·554 645	20	9·584 540	23	0.415 460	9.970 105	3	984	
		20		22			3		
017	9·554 665		9·584 562		0.415 438	9.970 102		983	
018	9·554 684	19	9·584 585	23	0.415 415	9.970 099	3	982	
019	9·554 704	20	9·584 608	23	0.415 392	9.970 096	3	981	
		20		22			2		
.020	9·554 724		9·584 630		0.415 370	9.970 094		.980	
		20		23			3		
021	9·554 744		9·584 653		0.415 347	9.970 091		979	
022	9·554 763	19	9·584 676	23	0.415 324	9.970 088	3	978	
023	9·554 783	20	9·584 698	22	0.415 302	9.970 085	3	977	
		20		23			3		
024	9·554 803		9·584 721		0.415 279	9.970 082		976	
025	9·554 822	19	9·584 744	23	0.415 256	9.970 079	3	975	
026	9·554 842	20	9·584 766	22	0.415 234	9.970 076	3	974	
		20		23			3		
027	9·554 862		9·584 789		0.415 211	9.970 073		973	
028	9·554 882	20	9·584 811	22	0.415 189	9.970 070	3	972	
029	9·554 901	19	9·584 834	23	0.415 166	9.970 067	3	971	
		20		23			3		
.030	9·554 921		9·584 857		0.415 143	9.970 064		.970	
		20		22			3		
031	9·554 941		9·584 879		0.415 121	9.970 061		969	
032	9·554 961	20	9·584 902	23	0.415 098	9.970 059	2	968	
033	9·554 980	19	9·584 925	23	0.415 075	9.970 056	3	967	
		20		22			3		
034	9·555 000		9·584 947		0.415 053	9.970 053		966	
035	9·555 020	20	9·584 970	23	0.415 030	9.970 050	3	965	
036	9·555 039	19	9·584 992	22	0.415 008	9.970 047	3	964	
		20		23			3		
037	9·555 059		9·585 015		0.414 985	9.970 044		963	
038	9·555 079	20	9·585 038	23	0.414 962	9.970 041	3	962	
039	9·555 098	19	9·585 060	22	0.414 940	9.970 038	3	961	
		20		23			3		
.040	9·555 118		9·585 083		0.414 917	9.970 035		.960	
		20		23			3		
041	9·555 138		9·585 106		0.414 894	9.970 032		959	
042	9·555 158	20	9·585 128	22	0.414 872	9.970 029	3	958	
043	9·555 177	19	9·585 151	23	0.414 849	9.970 026	3	957	
		20		22			2		
044	9·555 197		9·585 173		0.414 827	9.970 024		956	
045	9·555 217	20	9·585 196	23	0.414 804	9.970 021	3	955	
046	9·555 236	19	9·585 219	23	0.414 781	9.970 018	3	954	
		20		22			3		
047	9·555 256		9·585 241		0.414 759	9.970 015		953	
048	9·555 276	20	9·585 264	23	0.414 736	9.970 012	3	952	
049	9·555 295	19	9·585 287	23	0.414 713	9.970 009	3	951	
		20		22			3		
.050	9·555 315		9·585 309		0.414 691	9.970 006		.950	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

69°.000 — 68°.950

21°.050 — 21°.100

21°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9·555 315		9·585 309		0.414 691	9.970 006		**.950**	
		20		23			3		
051	9·555 335		9·585 332		0.414 668	9.970 003		949	
052	9·555 355	20	9·585 354	22	0.414 646	9.970 000	3	948	
053	9·555 374	19	9·585 377	23	0.414 623	9.969 997	3	947	
		20		23			3		
054	9·555 394		9·585 400		0.414 600	9.969 994		946	
055	9·555 414	20	9·585 422	22	0.414 578	9.969 991	3	945	
056	9·555 433	19	9·585 445	23	0.414 555	9.969 989	2	944	
		20		22			3		
057	9·555 453		9·585 467		0.414 533	9.969 986		943	
058	9·555 473	20	9·585 490	23	0.414 510	9.969 983	3	942	
059	9·555 492	19	9·585 513	23	0.414 487	9.969 980	3	941	
		20		22			3		
.060	9·555 512		9·585 535		0.414 465	9.969 977		**.940**	
		20		23			3		
061	9·555 532		9·585 558		0.414 442	9.969 974		939	
062	9·555 551	19	9·585 580	22	0.414 420	9.969 971	3	938	
063	9·555 571	20	9·585 603	23	0.414 397	9.969 968	3	937	
		20		23			3		
064	9·555 591		9·585 626		0.414 374	9.969 965		936	
065	9·555 610	19	9·585 648	22	0.414 352	9.969 962	3	935	
066	9·555 630	20	9·585 671	23	0.414 329	9.969 959	3	934	
		20		22			3		
067	9·555 650		9·585 693		0.414 307	9.969 956		933	
068	9·555 670	20	9·585 716	23	0.414 284	9.969 954	2	932	
069	9·555 689	19	9·585 739	23	0.414 261	9.969 951	3	931	
		20		22			3		
.070	9·555 709		9·585 761		0.414 239	9.969 948		**.930**	
		20		23			3		
071	9·555 729		9·585 784		0.414 216	9.969 945		929	
072	9·555 748	19	9·585 806	22	0.414 194	9.969 942	3	928	
073	9·555 768	20	9·585 829	23	0.414 171	9.969 939	3	927	
		20		23			3		
074	9·555 788		9·585 852		0.414 148	9.969 936		926	
075	9·555 807	19	9·585 874	22	0.414 126	9.969 933	3	925	
076	9·555 827	20	9·585 897	23	0.414 103	9.969 930	3	924	
		20		22			3		
077	9·555 847		9·585 919		0.414 081	9.969 927		923	
078	9·555 866	19	9·585 942	23	0.414 058	9.969 924	3	922	
079	9·555 886	20	9·585 965	23	0.414 035	9.969 921	3	921	
		20		22			3		
.080	9·555 906		9·585 987		0.414 013	9.969 918		**.920**	
		19		23			2		
081	9·555 925		9·586 010		0.413 990	9.969 916		919	
082	9·555 945	20	9·586 032	22	0.413 968	9.969 913	3	918	
083	9·555 965	20	9·586 055	23	0.413 945	9.969 910	3	917	
		19		22			3		
084	9·555 984		9·586 077		0.413 923	9.969 907		916	
085	9·556 004	20	9·586 100	23	0.413 900	9.969 904	3	915	
086	9·556 024	20	9·586 123	23	0.413 877	9.969 901	3	914	
		19		22			3		
087	9·556 043		9·586 145		0.413 855	9.969 898		913	
088	9·556 063	20	9·586 168	23	0.413 832	9.969 895	3	912	
089	9·556 083	20	9·586 190	22	0.413 810	9.969 892	3	911	
		19		23			3		
.090	9·556 102		9·586 213		0.413 787	9.969 889		**.910**	
		20		22			3		
091	9·556 122		9·586 235		0.413 765	9.969 886		909	
092	9·556 141	19	9·586 258	23	0.413 742	9.969 883	3	908	
093	9·556 161	20	9·586 281	23	0.413 719	9.969 880	3	907	
		20		22			2		
094	9·556 181		9·586 303		0.413 697	9.969 878		906	
095	9·556 200	19	9·586 326	23	0.413 674	9.969 875	3	905	
096	9·556 220	20	9·586 348	22	0.413 652	9.969 872	3	904	
		20		23			3		
097	9·556 240		9·586 371		0.413 629	9.969 869		903	
098	9·556 259	19	9·586 393	22	0.413 607	9.969 866	3	902	
099	9·556 279	20	9·586 416	23	0.413 584	9.969 863	3	901	
		20		23			3		
.100	9·556 299		9·586 439		0.413 561	9.969 860		**.900**	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

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2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

68°.950 — 68°.900

21°.100 — 21°.150

21°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.556 299		9.586 439		0.413 561	9.969 860		.900	
		19		22			3		
101	9.556 318		9.586 461		0.413 539	9.969 857		899	
102	9.556 338	20	9.586 484	23	0.413 516	9.969 854	3	898	
103	9.556 358	20	9.586 506	22	0.413 494	9.969 851	3	897	
		19		23			3		23
104	9.556 377		9.586 529		0.413 471	9.969 848		896	1 2.3
105	9.556 397	20	9.586 551	22	0.413 449	9.969 845	3	895	2 4.6
106	9.556 416	19	9.586 574	23	0.413 426	9.969 842	3	894	3 6.9
		20		23			2		4 9.2
107	9.556 436		9.586 597		0.413 403	9.969 840		893	5 11.5
108	9.556 456	20	9.586 619	22	0.413 381	9.969 837	3	892	6 13.8
109	9.556 475	19	9.586 642	23	0.413 358	9.969 834	3	891	7 16.1
		20		22			3		8 18.4
.110	9.556 495		9.586 664		0.413 336	9.969 831		.890	9 20.7
		20		23			3		
111	9.556 515		9.586 687		0.413 313	9.969 828		889	
112	9.556 534	19	9.586 709	22	0.413 291	9.969 825	3	888	
113	9.556 554	20	9.586 732	23	0.413 268	9.969 822	3	887	
		20		23			3		
114	9.556 574		9.586 755		0.413 245	9.969 819		886	
115	9.556 593	19	9.586 777	22	0.413 223	9.969 816	3	885	
116	9.556 613	20	9.586 800	23	0.413 200	9.969 813	3	884	22
		19		22			3		1 2.2
117	9.556 632		9.586 822		0.413 178	9.969 810		883	2 4.4
118	9.556 652	20	9.586 845	23	0.413 155	9.969 807	3	882	3 6.6
119	9.556 672	20	9.586 867	22	0.413 133	9.969 804	3	881	4 8.8
		19		23			3		5 11.0
.120	9.556 691		9.586 890		0.413 110	9.969 801		.880	6 13.2
		20		22			2		7 15.4
121	9.556 711		9.586 912		0.413 088	9.969 799		879	8 17.6
122	9.556 731	20	9.586 935	23	0.413 065	9.969 796	3	878	9 19.8
123	9.556 750	19	9.586 957	22	0.413 043	9.969 793	3	877	
		20		23			3		
124	9.556 770		9.586 980		0.413 020	9.969 790		876	
125	9.556 789	19	9.587 003	23	0.412 997	9.969 787	3	875	
126	9.556 809	20	9.587 025	22	0.412 975	9.969 784	3	874	
		20		23			3		
127	9.556 829		9.587 048		0.412 952	9.969 781		873	20
128	9.556 848	19	9.587 070	22	0.412 930	9.969 778	3	872	1 2.0
129	9.556 868	20	9.587 093	23	0.412 907	9.969 775	3	871	2 4.0
		20		22			3		3 6.0
.130	9.556 888		9.587 115		0.412 885	9.969 772		.870	4 8.0
		19		23			3		5 10.0
131	9.556 907		9.587 138		0.412 862	9.969 769		869	6 12.0
132	9.556 927	20	9.587 160	22	0.412 840	9.969 766	3	868	7 14.0
133	9.556 946	19	9.587 183	23	0.412 817	9.969 763	3	867	8 16.0
		20		22			3		9 18.0
134	9.556 966		9.587 205		0.412 795	9.969 760		866	
135	9.556 986	20	9.587 228	23	0.412 772	9.969 758	2	865	
136	9.557 005	19	9.587 251	23	0.412 749	9.969 755	3	864	
		20		22			3		
137	9.557 025		9.587 273		0.412 727	9.969 752		863	
138	9.557 044	19	9.587 296	23	0.412 704	9.969 749	3	862	
139	9.557 064	20	9.587 318	22	0.412 682	9.969 746	3	861	19
		20		23			3		
.140	9.557 084		9.587 341		0.412 659	9.969 743		.860	1 1.9
		19		22			3		2 3.8
141	9.557 103		9.587 363		0.412 637	9.969 740		859	3 5.7
142	9.557 123	20	9.587 386	23	0.412 614	9.969 737	3	858	4 7.6
143	9.557 142	19	9.587 408	22	0.412 592	9.969 734	3	857	5 9.5
		20		23			3		6 11.4
144	9.557 162		9.587 431		0.412 569	9.969 731		856	7 13.3
145	9.557 182	20	9.587 453	22	0.412 547	9.969 728	3	855	8 15.2
146	9.557 201	19	9.587 476	23	0.412 524	9.969 725	3	854	9 17.1
		20		22			3		
147	9.557 221		9.587 498		0.412 502	9.969 722		853	
148	9.557 240	19	9.587 521	23	0.412 479	9.969 719	3	852	
149	9.557 260	20	9.587 543	22	0.412 457	9.969 717	2	851	
		20		23			3		
.150	9.557 280		9.587 566		0.412 434	9.969 714		.850	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.900 — 68°.850

21°.150 — 21°.200

21°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.557 280		9.587 566		0.412 434	9.969 714		.850	
		19		23			3		
151	9.557 299		9.587 589		0.412 411	9.969 711		849	
		20		22			3		
152	9.557 319		9.587 611		0.412 389	9.969 708		848	
		19		23			3		
153	9.557 338		9.587 634		0.412 366	9.969 705		847	
		20		22			3		23
154	9.557 358		9.587 656		0.412 344	9.969 702		846	1 2.3
		20		23			3		2 4.6
155	9.557 378		9.587 679		0.412 321	9.969 699		845	3 6.9
		19		22			3		4 9.2
156	9.557 397		9.587 701		0.412 299	9.969 696		844	5 11.5
		20		23			3		6 13.8
157	9.557 417		9.587 724		0.412 276	9.969 693		843	7 16.1
		19		22			3		8 18.4
158	9.557 436		9.587 746		0.412 254	9.969 690		842	9 20.7
		20		23			3		
159	9.557 456		9.587 769		0.412 231	9.969 687		841	
		19		22			3		
.160	9.557 475		9.587 791		0.412 209	9.969 684		.840	
		20		23			3		
161	9.557 495		9.587 814		0.412 186	9.969 681		839	
		20		22			3		
162	9.557 515		9.587 836		0.412 164	9.969 678		838	
		19		23			3		
163	9.557 534		9.587 859		0.412 141	9.969 675		837	
		20		22			2		
164	9.557 554		9.587 881		0.412 119	9.969 673		836	
		19		23			3		22
165	9.557 573		9.587 904		0.412 096	9.969 670		835	1 2.2
		20		22			3		2 4.4
166	9.557 593		9.587 926		0.412 074	9.969 667		834	3 6.6
		19		23			3		4 8.8
167	9.557 612		9.587 949		0.412 051	9.969 664		833	5 11.0
		20		22			3		6 13.2
168	9.557 632		9.587 971		0.412 029	9.969 661		832	7 15.4
		20		23			3		8 17.6
169	9.557 652		9.587 994		0.412 006	9.969 658		831	9 19.8
		19		22			3		
.170	9.557 671		9.588 016		0.411 984	9.969 655		.830	
		20		23			3		
171	9.557 691		9.588 039		0.411 961	9.969 652		829	
		19		22			3		
172	9.557 710		9.588 061		0.411 939	9.969 649		828	
		20		23			3		
173	9.557 730		9.588 084		0.411 916	9.969 646		827	
		19		22			3		
174	9.557 749		9.588 106		0.411 894	9.969 643		826	
		20		23			3		
175	9.557 769		9.588 129		0.411 871	9.969 640		825	
		20		22			3		
176	9.557 789		9.588 151		0.411 849	9.969 637		824	
		19		23			3		
177	9.557 808		9.588 174		0.411 826	9.969 634		823	20
		20		22			3		
178	9.557 828		9.588 196		0.411 804	9.969 631		822	1 2.0
		19		23			3		2 4.0
179	9.557 847		9.588 219		0.411 781	9.969 628		821	3 6.0
		20		22			2		4 8.0
.180	9.557 867		9.588 241		0.411 759	9.969 626		.820	5 10.0
		19		23			3		6 12.0
181	9.557 886		9.588 264		0.411 736	9.969 623		819	7 14.0
		20		22			3		8 16.0
182	9.557 906		9.588 286		0.411 714	9.969 620		818	9 18.0
		20		23			3		
183	9.557 926		9.588 309		0.411 691	9.969 617		817	
		19		22			3		
184	9.557 945		9.588 331		0.411 669	9.969 614		816	
		20		23			3		
185	9.557 965		9.588 354		0.411 646	9.969 611		815	
		19		22			3		
186	9.557 984		9.588 376		0.411 624	9.969 608		814	
		20		23			3		
187	9.558 004		9.588 399		0.411 601	9.969 605		813	
		19		22			3		
188	9.558 023		9.588 421		0.411 579	9.969 602		812	
		20		23			3		
189	9.558 043		9.588 444		0.411 556	9.969 599		811	19
		19		22			3		
.190	9.558 062		9.588 466		0.411 534	9.969 596		.810	1 1.9
		20		23			3		2 3.8
191	9.558 082		9.588 489		0.411 511	9.969 593		809	3 5.7
		20		22			3		4 7.6
192	9.558 102		9.588 511		0.411 489	9.969 590		808	5 9.5
		19		23			3		6 11.4
193	9.558 121		9.588 534		0.411 466	9.969 587		807	7 13.3
		20		22			3		8 15.2
194	9.558 141		9.588 556		0.411 444	9.969 584		806	9 17.1
		19		23			3		
195	9.558 160		9.588 579		0.411 421	9.969 581		805	
		20		22			2		
196	9.558 180		9.588 601		0.411 399	9.969 579		804	
		19		23			3		
197	9.558 199		9.588 624		0.411 376	9.969 576		803	
		20		22			3		
198	9.558 219		9.588 646		0.411 354	9.969 573		802	
		19		23			3		
199	9.558 238		9.588 669		0.411 331	9.969 570		801	
		20		22			3		
.200	9.558 258		9.588 691		0.411 309	9.969 567		.800	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.850 — 68°.800

21°.200 — 21°.250

21°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.558 258		9.588 691		0.411 309	9.969 567		.800	
		19		23			3		
201	9.558 277		9.588 714		0.411 286	9.969 564		799	
		20		22			3		
202	9.558 297		9.588 736		0.411 264	9.969 561		798	
		20		23			3		
203	9.558 317		9.588 759		0.411 241	9.969 558		797	
		19		22			3		23
204	9.558 336		9.588 781		0.411 219	9.969 555		796	1 2.3
		20		23			3		2 4.6
205	9.558 356		9.588 804		0.411 196	9.969 552		795	3 6.9
		19		22			3		4 9.2
206	9.558 375		9.588 826		0.411 174	9.969 549		794	5 11.5
		20		23			3		6 13.8
207	9.558 395		9.588 849		0.411 151	9.969 546		793	7 16.1
		19		22			3		8 18.4
208	9.558 414		9.588 871		0.411 129	9.969 543		792	9 20.7
		20		22			3		
209	9.558 434		9.588 893		0.411 107	9.969 540		791	
		19		23			3		
.210	9.558 453		9.588 916		0.411 084	9.969 537		.790	
		20		22			3		
211	9.558 473		9.588 938		0.411 062	9.969 534		789	
		19		23			3		
212	9.558 492		9.588 961		0.411 039	9.969 531		788	
		20		22			2		
213	9.558 512		9.588 983		0.411 017	9.969 529		787	
		19		23			3		
214	9.558 531		9.589 006		0.410 994	9.969 526		786	
		20		22			3		
215	9.558 551		9.589 028		0.410 972	9.969 523		785	
		19		23			3		22
216	9.558 570		9.589 051		0.410 949	9.969 520		784	1 2.2
		20		22			3		2 4.4
217	9.558 590		9.589 073		0.410 927	9.969 517		783	3 6.6
		20		23			3		4 8.8
218	9.558 610		9.589 096		0.410 904	9.969 514		782	5 11.0
		19		22			3		6 13.2
219	9.558 629		9.589 118		0.410 882	9.969 511		781	7 15.4
		20		23			3		8 17.6
.220	9.558 649		9.589 141		0.410 859	9.969 508		.780	9 19.8
		19		22			3		
221	9.558 668		9.589 163		0.410 837	9.969 505		779	
		20		23			3		
222	9.558 688		9.589 186		0.410 814	9.969 502		778	
		19		22			3		
223	9.558 707		9.589 208		0.410 792	9.969 499		777	
		20		22			3		
224	9.558 727		9.589 230		0.410 770	9.969 496		776	
		19		23			3		
225	9.558 746		9.589 253		0.410 747	9.969 493		775	
		20		22			3		
226	9.558 766		9.589 275		0.410 725	9.969 490		774	
		19		23			3		20
227	9.558 785		9.589 298		0.410 702	9.969 487		773	1 2.0
		20		22			3		2 4.0
228	9.558 805		9.589 320		0.410 680	9.969 484		772	3 6.0
		19		23			3		4 8.0
229	9.558 824		9.589 343		0.410 657	9.969 481		771	5 10.0
		20		22			2		6 12.0
.230	9.558 844		9.589 365		0.410 635	9.969 479		.770	7 14.0
		19		23			3		8 16.0
231	9.558 863		9.589 388		0.410 612	9.969 476		769	9 18.0
		20		22			3		
232	9.558 883		9.589 410		0.410 590	9.969 473		768	
		19		23			3		
233	9.558 902		9.589 433		0.410 567	9.969 470		767	
		20		22			3		
234	9.558 922		9.589 455		0.410 545	9.969 467		766	
		19		23			3		
235	9.558 941		9.589 478		0.410 522	9.969 464		765	
		20		22			3		
236	9.558 961		9.589 500		0.410 500	9.969 461		764	
		19		22			3		
237	9.558 980		9.589 522		0.410 478	9.969 458		763	
		20		23			3		
238	9.559 000		9.589 545		0.410 455	9.969 455		762	
		19		22			3		
239	9.559 019		9.589 567		0.410 433	9.969 452		761	19
		20		23			3		
.240	9.559 039		9.589 590		0.410 410	9.969 449		.760	1 1.9
		19		22			3		2 3.8
241	9.559 058		9.589 612		0.410 388	9.969 446		759	3 5.7
		20		23			3		4 7.6
242	9.559 078		9.589 635		0.410 365	9.969 443		758	5 9.5
		19		22			3		6 11.4
243	9.559 097		9.589 657		0.410 343	9.969 440		757	7 13.3
		20		23			3		8 15.2
244	9.559 117		9.589 680		0.410 320	9.969 437		756	9 17.1
		19		22			3		
245	9.559 136		9.589 702		0.410 298	9.969 434		755	
		20		22			3		
246	9.559 156		9.589 724		0.410 276	9.969 431		754	
		19		23			3		
247	9.559 175		9.589 747		0.410 253	9.969 428		753	
		20		22			3		
248	9.559 195		9.589 769		0.410 231	9.969 425		752	
		19		23			2		
249	9.559 214		9.589 792		0.410 208	9.969 423		751	
		20		22			3		
.250	9.559 234		9.589 814		0.410 186	9.969 420		.750	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.800 — 68°.750

21°.250 — 21°.300

21°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.559 234		9.589 814		0.410 186	9.969 420		**.750**	
		19		23			3		
251	9.559 253		9.589 837		0.410 163	9.969 417		749	
252	9.559 273	20	9.589 859	22	0.410 141	9.969 414	3	748	
253	9.559 292	19	9.589 882	23	0.410 118	9.969 411	3	747	
		20		22			3		
254	9.559 312		9.589 904		0.410 096	9.969 408		746	
255	9.559 331	19	9.589 926	22	0.410 074	9.969 405	3	745	
256	9.559 351	20	9.589 949	23	0.410 051	9.969 402	3	744	
		19		22			3		
257	9.559 370		9.589 971		0.410 029	9.969 399		743	
258	9.559 390	20	9.589 994	23	0.410 006	9.969 396	3	742	
259	9.559 409	19	9.590 016	22	0.409 984	9.969 393	3	741	
		20		23			3		
.260	9.559 429		9.590 039		0.409 961	9.969 390		**.740**	
		19		22			3		
261	9.559 448		9.590 061		0.409 939	9.969 387		739	
262	9.559 468	20	9.590 083	22	0.409 917	9.969 384	3	738	
263	9.559 487	19	9.590 106	23	0.409 894	9.969 381	3	737	
		20		22			3		
264	9.559 507		9.590 128		0.409 872	9.969 378		736	
265	9.559 526	19	9.590 151	23	0.409 849	9.969 375	3	735	
266	9.559 546	20	9.590 173	22	0.409 827	9.969 372	3	734	
		19		23			3		
267	9.559 565		9.590 196		0.409 804	9.969 369		733	
268	9.559 584	19	9.590 218	22	0.409 782	9.969 366	3	732	
269	9.559 604	20	9.590 240	22	0.409 760	9.969 364	2	731	
		19		23			3		
.270	9.559 623		9.590 263		0.409 737	9.969 361		**.730**	
		20		22			3		
271	9.559 643		9.590 285		0.409 715	9.969 358		729	
272	9.559 662	19	9.590 308	23	0.409 692	9.969 355	3	728	
273	9.559 682	20	9.590 330	22	0.409 670	9.969 352	3	727	
		19		22			3		
274	9.559 701		9.590 352		0.409 648	9.969 349		726	
275	9.559 721	20	9.590 375	23	0.409 625	9.969 346	3	725	
276	9.559 740	19	9.590 397	22	0.409 603	9.969 343	3	724	
		20		23			3		
277	9.559 760		9.590 420		0.409 580	9.969 340		723	
278	9.559 779	19	9.590 442	22	0.409 558	9.969 337	3	722	
279	9.559 799	20	9.590 465	23	0.409 535	9.969 334	3	721	
		19		22			3		
.280	9.559 818		9.590 487		0.409 513	9.969 331		**.720**	
		20		22			3		
281	9.559 838		9.590 509		0.409 491	9.969 328		719	
282	9.559 857	19	9.590 532	23	0.409 468	9.969 325	3	718	
283	9.559 876	19	9.590 554	22	0.409 446	9.969 322	3	717	
		20		23			3		
284	9.559 896		9.590 577		0.409 423	9.969 319		716	
285	9.559 915	19	9.590 599	22	0.409 401	9.969 316	3	715	
286	9.559 935	20	9.590 621	22	0.409 379	9.969 313	3	714	
		19		23			3		
287	9.559 954		9.590 644		0.409 356	9.969 310		713	
288	9.559 974	20	9.590 666	22	0.409 334	9.969 307	3	712	
289	9.559 993	19	9.590 689	23	0.409 311	9.969 305	2	711	
		20		22			3		
.290	9.560 013		9.590 711		0.409 289	9.969 302		**.710**	
		19		22			3		
291	9.560 032		9.590 733		0.409 267	9.969 299		709	
292	9.560 052	20	9.590 756	23	0.409 244	9.969 296	3	708	
293	9.560 071	19	9.590 778	22	0.409 222	9.969 293	3	707	
		19		23			3		
294	9.560 090		9.590 801		0.409 199	9.969 290		706	
295	9.560 110	20	9.590 823	22	0.409 177	9.969 287	3	705	
296	9.560 129	19	9.590 845	22	0.409 155	9.969 284	3	704	
		20		23			3		
297	9.560 149		9.590 868		0.409 132	9.969 281		703	
298	9.560 168	19	9.590 890	22	0.409 110	9.969 278	3	702	
299	9.560 188	20	9.590 913	23	0.409 087	9.969 275	3	701	
		19		22			3		
.300	9.560 207		9.590 935		0.409 065	9.969 272		**.700**	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

68°.750 — 68°.700

21°.300 — 21°.350

21°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.560 207	20	9.590 935	22	0.409 065	9.969 272	3	.700	
301	9.560 227	19	9.590 957	23	0.409 043	9.969 269	3	699	
302	9.560 246	19	9.590 980	22	0.409 020	9.969 266	3	698	
303	9.560 265	20	9.591 002	23	0.408 998	9.969 263	3	697	
304	9.560 285	19	9.591 025	22	0.408 975	9.969 260	3	696	23
305	9.560 304	20	9.591 047	22	0.408 953	9.969 257	3	695	1 2.3
306	9.560 324	19	9.591 069	23	0.408 931	9.969 254	3	694	2 4.6
307	9.560 343	20	9.591 092	22	0.408 908	9.969 251	3	693	3 6.9
308	9.560 363	19	9.591 114	23	0.408 886	9.969 248	3	692	4 9.2
309	9.560 382	19	9.591 137	22	0.408 863	9.969 245	3	691	5 11.5
.310	9.560 401	20	9.591 159	22	0.408 841	9.969 242	3	.690	6 13.8
311	9.560 421	19	9.591 181	23	0.408 819	9.969 239	3	689	7 16.1
312	9.560 440	20	9.591 204	22	0.408 796	9.969 237	2	688	8 18.4
313	9.560 460	19	9.591 226	23	0.408 774	9.969 234	3	687	9 20.7
314	9.560 479	20	9.591 249	22	0.408 751	9.969 231	3	686	
315	9.560 499	19	9.591 271	22	0.408 729	9.969 228	3	685	
316	9.560 518	19	9.591 293	23	0.408 707	9.969 225	3	684	22
317	9.560 537	20	9.591 316	22	0.408 684	9.969 222	3	683	1 2.2
318	9.560 557	19	9.591 338	22	0.408 662	9.969 219	3	682	2 4.4
319	9.560 576	20	9.591 360	23	0.408 640	9.969 216	3	681	3 6.6
.320	9.560 596	19	9.591 383	22	0.408 617	9.969 213	3	.680	4 8.8
321	9.560 615	20	9.591 405	23	0.408 595	9.969 210	3	679	5 11.0
322	9.560 635	19	9.591 428	22	0.408 572	9.969 207	3	678	6 13.2
323	9.560 654	19	9.591 450	22	0.408 550	9.969 204	3	677	7 15.4
324	9.560 673	20	9.591 472	23	0.408 528	9.969 201	3	676	8 17.6
325	9.560 693	19	9.591 495	22	0.408 505	9.969 198	3	675	9 19.8
326	9.560 712	20	9.591 517	22	0.408 483	9.969 195	3	674	
327	9.560 732	19	9.591 539	23	0.408 461	9.969 192	3	673	
328	9.560 751	19	9.591 562	22	0.408 438	9.969 189	3	672	20
329	9.560 770	20	9.591 584	23	0.408 416	9.969 186	3	671	1 2.0
.330	9.560 790	19	9.591 607	22	0.408 393	9.969 183	3	.670	2 4.0
331	9.560 809	20	9.591 629	22	0.408 371	9.969 180	3	669	3 6.0
332	9.560 829	19	9.591 651	23	0.408 349	9.969 177	3	668	4 8.0
333	9.560 848	20	9.591 674	22	0.408 326	9.969 174	3	667	5 10.0
334	9.560 868	19	9.591 696	22	0.408 304	9.969 171	3	666	6 12.0
335	9.560 887	19	9.591 718	23	0.408 282	9.969 168	3	665	7 14.0
336	9.560 906	20	9.591 741	22	0.408 259	9.969 166	2	664	8 16.0
337	9.560 926	19	9.591 763	23	0.408 237	9.969 163	3	663	9 18.0
338	9.560 945	20	9.591 786	22	0.408 214	9.969 160	3	662	
339	9.560 965	19	9.591 808	22	0.408 192	9.969 157	3	661	
.340	9.560 984	19	9.591 830	23	0.408 170	9.969 154	3	.660	19
341	9.561 003	20	9.591 853	22	0.408 147	9.969 151	3	659	1 1.9
342	9.561 023	19	9.591 875	22	0.408 125	9.969 148	3	658	2 3.8
343	9.561 042	20	9.591 897	23	0.408 103	9.969 145	3	657	3 5.7
344	9.561 062	19	9.591 920	22	0.408 080	9.969 142	3	656	4 7.6
345	9.561 081	19	9.591 942	22	0.408 058	9.969 139	3	655	5 9.5
346	9.561 100	20	9.591 964	23	0.408 036	9.969 136	3	654	6 11.4
347	9.561 120	19	9.591 987	22	0.408 013	9.969 133	3	653	7 13.3
348	9.561 139	20	9.592 009	23	0.407 991	9.969 130	3	652	8 15.2
349	9.561 159	19	9.592 032	22	0.407 968	9.969 127	3	651	9 17.1
.350	9.561 178		9.592 054		0.407 946	9.969 124		.650	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.700 — 68°.650

21°.350 — 21°.400

21°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.561 178		9.592 054		0.407 946	9.969 124		.650	
		19		22			3		
351	9.561 197		9.592 076		0.407 924	9.969 121		649	
352	9.561 217	20	9.592 099	23	0.407 901	9.969 118	3	648	
353	9.561 236	19	9.592 121	22	0.407 879	9.969 115	3	647	
		19		22			3		23
354	9.561 255		9.592 143		0.407 857	9.969 112		646	1 2.3
355	9.561 275	20	9.592 166	23	0.407 834	9.969 109	3	645	2 4.6
356	9.561 294	19	9.592 188	22	0.407 812	9.969 106	3	644	3 6.9
		20		22			3		4 9.2
357	9.561 314		9.592 210		0.407 790	9.969 103		643	5 11.5
358	9.561 333	19	9.592 233	23	0.407 767	9.969 100	3	642	6 13.8
359	9.561 352	19	9.592 255	22	0.407 745	9.969 097	3	641	7 16.1
		20		22			3		8 18.4
.360	9.561 372		9.592 277		0.407 723	9.969 094		.640	9 20.7
		19		23			3		
361	9.561 391		9.592 300		0.407 700	9.969 091		639	
362	9.561 411	20	9.592 322	22	0.407 678	9.969 088	3	638	
363	9.561 430	19	9.592 344	22	0.407 656	9.969 086	2	637	
		19		23			3		
364	9.561 449		9.592 367		0.407 633	9.969 083		636	
365	9.561 469	20	9.592 389	22	0.407 611	9.969 080	3	635	
366	9.561 488	19	9.592 411	22	0.407 589	9.969 077	3	634	22
		19		23			3		
367	9.561 507		9.592 434		0.407 566	9.969 074		633	1 2.2
368	9.561 527	20	9.592 456	22	0.407 544	9.969 071	3	632	2 4.4
369	9.561 546	19	9.592 478	22	0.407 522	9.969 068	3	631	3 6.6
		20		23			3		4 8.8
.370	9.561 566		9.592 501		0.407 499	9.969 065		.630	5 11.0
		19		22			3		6 13.2
371	9.561 585		9.592 523		0.407 477	9.969 062		629	7 15.4
372	9.561 604	19	9.592 545	22	0.407 455	9.969 059	3	628	8 17.6
373	9.561 624	20	9.592 568	23	0.407 432	9.969 056	3	627	9 19.8
		19		22			3		
374	9.561 643		9.592 590		0.407 410	9.969 053		626	
375	9.561 662	19	9.592 612	22	0.407 388	9.969 050	3	625	
376	9.561 682	20	9.592 635	23	0.407 365	9.969 047	3	624	
		19		22			3		
377	9.561 701		9.592 657		0.407 343	9.969 044		623	20
378	9.561 720	19	9.592 679	22	0.407 321	9.969 041	3	622	
379	9.561 740	20	9.592 702	23	0.407 298	9.969 038	3	621	1 2.0
		19		22			3		2 4.0
.380	9.561 759		9.592 724		0.407 276	9.969 035		.620	3 6.0
		20		22			3		4 8.0
381	9.561 779		9.592 746		0.407 254	9.969 032		619	5 10.0
382	9.561 798	19	9.592 769	23	0.407 231	9.969 029	3	618	6 12.0
383	9.561 817	19	9.592 791	22	0.407 209	9.969 026	3	617	7 14.0
		20		22			3		8 16.0
384	9.561 837		9.592 813		0.407 187	9.969 023		616	9 18.0
385	9.561 856	19	9.592 836	23	0.407 164	9.969 020	3	615	
386	9.561 875	19	9.592 858	22	0.407 142	9.969 017	3	614	
		20		22			3		
387	9.561 895		9.592 880		0.407 120	9.969 014		613	
388	9.561 914	19	9.592 903	23	0.407 097	9.969 011	3	612	
389	9.561 933	19	9.592 925	22	0.407 075	9.969 008	3	611	19
		20		22			3		
.390	9.561 953		9.592 947		0.407 053	9.969 005		.610	1 1.9
		19		23			3		2 3.8
391	9.561 972		9.592 970		0.407 030	9.969 002		609	3 5.7
392	9.561 991	19	9.592 992	22	0.407 008	9.968 999	3	608	4 7.6
393	9.562 011	20	9.593 014	22	0.406 986	9.968 997	2	607	5 9.5
		19		23			3		6 11.4
394	9.562 030		9.593 037		0.406 963	9.968 994		606	7 13.3
395	9.562 050	20	9.593 059	22	0.406 941	9.968 991	3	605	8 15.2
396	9.562 069	19	9.593 081	22	0.406 919	9.968 988	3	604	9 17.1
		19		23			3		
397	9.562 088		9.593 104		0.406 896	9.968 985		603	
398	9.562 108	20	9.593 126	22	0.406 874	9.968 982	3	602	
399	9.562 127	19	9.593 148	22	0.406 852	9.968 979	3	601	
		19		23			3		
.400	9.562 146		9.593 171		0.406 829	9.968 976		.600	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.650 — 68°.600

21°.400 — 21°.450

21°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.562 146		9.593 171		0.406 829	9.968 976		.600	
		20		22			3		
401	9.562 166		9.593 193		0.406 807	9.968 973		599	
402	9.562 185	19	9.593 215	22	0.406 785	9.968 970	3	598	
403	9.562 204	19	9.593 237	22	0.406 763	9.968 967	3	597	
		20		23			3		
404	9.562 224		9.593 260		0.406 740	9.968 964		596	
405	9.562 243	19	9.593 282	22	0.406 718	9.968 961	3	595	
406	9.562 262	19	9.593 304	22	0.406 696	9.968 958	3	594	
		20		23			3		
407	9.562 282		9.593 327		0.406 673	9.968 955		593	
408	9.562 301	19	9.593 349	22	0.406 651	9.968 952	3	592	
409	9.562 320	19	9.593 371	22	0.406 629	9.968 949	3	591	
		20		23			3		
.410	9.562 340		9.593 394		0.406 606	9.968 946		.590	
		19		22			3		
411	9.562 359		9.593 416		0.406 584	9.968 943		589	
412	9.562 378	19	9.593 438	22	0.406 562	9.968 940	3	588	
413	9.562 398	20	9.593 461	23	0.406 539	9.968 937	3	587	
		19		22			3		
414	9.562 417		9.593 483		0.406 517	9.968 934		586	
415	9.562 436	19	9.593 505	22	0.406 495	9.968 931	3	585	
416	9.562 456	20	9.593 527	22	0.406 473	9.968 928	3	584	
		19		23			3		
417	9.562 475		9.593 550		0.406 450	9.968 925		583	
418	9.562 494	19	9.593 572	22	0.406 428	9.968 922	3	582	
419	9.562 514	20	9.593 594	22	0.406 406	9.968 919	3	581	
		19		23			3		
.420	9.562 533		9.593 617		0.406 383	9.968 916		.580	
		19		22			3		
421	9.562 552		9.593 639		0.406 361	9.968 913		579	
422	9.562 572	20	9.593 661	22	0.406 339	9.968 910	3	578	
423	9.562 591	19	9.593 683	22	0.406 317	9.968 907	3	577	
		19		23			3		
424	9.562 610		9.593 706		0.406 294	9.968 904		576	
425	9.562 629	19	9.593 728	22	0.406 272	9.968 901	3	575	
426	9.562 649	20	9.593 750	22	0.406 250	9.968 898	3	574	
		19		23			3		
427	9.562 668		9.593 773		0.406 227	9.968 895		573	
428	9.562 687	19	9.593 795	22	0.406 205	9.968 892	3	572	
429	9.562 707	20	9.593 817	22	0.406 183	9.968 890	2	571	
		19		22			3		
.430	9.562 726		9.593 839		0.406 161	9.968 887		.570	
		19		23			3		
431	9.562 745		9.593 862		0.406 138	9.968 884		569	
432	9.562 765	20	9.593 884	22	0.406 116	9.968 881	3	568	
433	9.562 784	19	9.593 906	22	0.406 094	9.968 878	3	567	
		19		23			3		
434	9.562 803		9.593 929		0.406 071	9.968 875		566	
435	9.562 823	20	9.593 951	22	0.406 049	9.968 872	3	565	
436	9.562 842	19	9.593 973	22	0.406 027	9.968 869	3	564	
		19		22			3		
437	9.562 861		9.593 995		0.406 005	9.968 866		563	
438	9.562 880	19	9.594 018	23	0.405 982	9.968 863	3	562	
439	9.562 900	20	9.594 040	22	0.405 960	9.968 860	3	561	
		19		22			3		
.440	9.562 919		9.594 062		0.405 938	9.968 857		.560	
		19		23			3		
441	9.562 938		9.594 085		0.405 915	9.968 854		559	
442	9.562 958	20	9.594 107	22	0.405 893	9.968 851	3	558	
443	9.562 977	19	9.594 129	22	0.405 871	9.968 848	3	557	
		19		22			3		
444	9.562 996		9.594 151		0.405 849	9.968 845		556	
445	9.563 016	20	9.594 174	23	0.405 826	9.968 842	3	555	
446	9.563 035	19	9.594 196	22	0.405 804	9.968 839	3	554	
		19		22			3		
447	9.563 054		9.594 218		0.405 782	9.968 836		553	
448	9.563 073	19	9.594 241	23	0.405 759	9.968 833	3	552	
449	9.563 093	20	9.594 263	22	0.405 737	9.968 830	3	551	
		19		22			3		
.450	9.563 112		9.594 285		0.405 715	9.968 827		.550	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

68°.600 — 68°.550

21°.450 — 21°.500

21°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.563 112		9.594 285		0.405 715	9.968 827		**.550**	
		19		22			3		
451	9.563 131		9.594 307		0.405 693	9.968 824		549	
		20		23			3		
452	9.563 151		9.594 330		0.405 670	9.968 821		548	
		19		22			3		
453	9.563 170		9.594 352		0.405 648	9.968 818		547	
		19		22			3		
454	9.563 189		9.594 374		0.405 626	9.968 815		546	
		20		22			3		
455	9.563 209		9.594 396		0.405 604	9.968 812		545	
		19		23			3		
456	9.563 228		9.594 419		0.405 581	9.968 809		544	
		19		22			3		
457	9.563 247		9.594 441		0.405 559	9.968 806		543	
		19		22			3		
458	9.563 266		9.594 463		0.405 537	9.968 803		542	
		20		22			3		
459	9.563 286		9.594 485		0.405 515	9.968 800		541	
		19		23			3		
.460	9.563 305		9.594 508		0.405 492	9.968 797		**.540**	
		19		22			3		
461	9.563 324		9.594 530		0.405 470	9.968 794		539	
		20		22			3		
462	9.563 344		9.594 552		0.405 448	9.968 791		538	
		19		23			3		
463	9.563 363		9.594 575		0.405 425	9.968 788		537	
		19		22			3		
464	9.563 382		9.594 597		0.405 403	9.968 785		536	
		19		22			3		
465	9.563 401		9.594 619		0.405 381	9.968 782		535	
		20		22			3		
466	9.563 421		9.594 641		0.405 359	9.968 779		534	
		19		23			3		
467	9.563 440		9.594 664		0.405 336	9.968 776		533	
		19		22			3		
468	9.563 459		9.594 686		0.405 314	9.968 773		532	
		19		22			3		
469	9.563 478		9.594 708		0.405 292	9.968 770		531	
		20		22			3		
.470	9.563 498		9.594 730		0.405 270	9.968 767		**.530**	
		19		23			3		
471	9.563 517		9.594 753		0.405 247	9.968 764		529	
		19		22			3		
472	9.563 536		9.594 775		0.405 225	9.968 761		528	
		20		22			3		
473	9.563 556		9.594 797		0.405 203	9.968 758		527	
		19		22			3		
474	9.563 575		9.594 819		0.405 181	9.968 755		526	
		19		23			3		
475	9.563 594		9.594 842		0.405 158	9.968 752		525	
		19		22			2		
476	9.563 613		9.594 864		0.405 136	9.968 750		524	
		20		22			3		
477	9.563 633		9.594 886		0.405 114	9.968 747		523	
		19		22			3		
478	9.563 652		9.594 908		0.405 092	9.968 744		522	
		19		23			3		
479	9.563 671		9.594 931		0.405 069	9.968 741		521	
		19		22			3		
.480	9.563 690		9.594 953		0.405 047	9.968 738		**.520**	
		20		22			3		
481	9.563 710		9.594 975		0.405 025	9.968 735		519	
		19		22			3		
482	9.563 729		9.594 997		0.405 003	9.968 732		518	
		19		23			3		
483	9.563 748		9.595 020		0.404 980	9.968 729		517	
		19		22			3		
484	9.563 767		9.595 042		0.404 958	9.968 726		516	
		20		22			3		
485	9.563 787		9.595 064		0.404 936	9.968 723		515	
		19		22			3		
486	9.563 806		9.595 086		0.404 914	9.968 720		514	
		19		22			3		
487	9.563 825		9.595 108		0.404 892	9.968 717		513	
		19		23			3		
488	9.563 844		9.595 131		0.404 869	9.968 714		512	
		20		22			3		
489	9.563 864		9.595 153		0.404 847	9.968 711		511	
		19		22			3		
.490	9.563 883		9.595 175		0.404 825	9.968 708		**.510**	
		19		22			3		
491	9.563 902		9.595 197		0.404 803	9.968 705		509	
		19		23			3		
492	9.563 921		9.595 220		0.404 780	9.968 702		508	
		20		22			3		
493	9.563 941		9.595 242		0.404 758	9.968 699		507	
		19		22			3		
494	9.563 960		9.595 264		0.404 736	9.968 696		506	
		19		22			3		
495	9.563 979		9.595 286		0.404 714	9.968 693		505	
		19		23			3		
496	9.563 998		9.595 309		0.404 691	9.968 690		504	
		20		22			3		
497	9.564 018		9.595 331		0.404 669	9.968 687		503	
		19		22			3		
498	9.564 037		9.595 353		0.404 647	9.968 684		502	
		19		22			3		
499	9.564 056		9.595 375		0.404 625	9.968 681		501	
		19		23			3		
.500	9.564 075		9.595 398		0.404 602	9.968 678		**.500**	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

68°.550 — 68°.500

21°.500 — 21°.550

21°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.564 075		9.595 398		0.404 602	9.968 678		.500	
		20		22			3		
501	9.564 095		9.595 420		0.404 580	9.968 675		499	
502	9.564 114	19	9.595 442	22	0.404 558	9.968 672	3	498	
503	9.564 133	19	9.595 464	22	0.404 536	9.968 669	3	497	
		19		22			3		23
504	9.564 152		9.595 486		0.404 514	9.968 666		496	
505	9.564 172	20	9.595 509	23	0.404 491	9.968 663	3	495	1 2.3
506	9.564 191	19	9.595 531	22	0.404 469	9.968 660	3	494	2 4.6
		19		22			3		3 6.9
507	9.564 210		9.595 553		0.404 447	9.968 657		493	4 9.2
508	9.564 229	19	9.595 575	22	0.404 425	9.968 654	3	492	5 11.5
509	9.564 249	20	9.595 598	23	0.404 402	9.968 651	3	491	6 13.8
		19		22			3		7 16.1
.510	9.564 268		9.595 620		0.404 380	9.968 648		.490	8 18.4
		19		22			3		9 20.7
511	9.564 287		9.595 642		0.404 358	9.968 645		489	
512	9.564 306	19	9.595 664	22	0.404 336	9.968 642	3	488	
513	9.564 326	20	9.595 686	22	0.404 314	9.968 639	3	487	
		19		23			3		
514	9.564 345		9.595 709		0.404 291	9.968 636		486	
515	9.564 364	19	9.595 731	22	0.404 269	9.968 633	3	485	22
516	9.564 383	19	9.595 753	22	0.404 247	9.968 630	3	484	
		19		22			3		1 2.2
517	9.564 402		9.595 775		0.404 225	9.968 627		483	2 4.4
518	9.564 422	20	9.595 798	23	0.404 202	9.968 624	3	482	3 6.6
519	9.564 441	19	9.595 820	22	0.404 180	9.968 621	3	481	4 8.8
		19		22			3		5 11.0
.520	9.564 460		9.595 842		0.404 158	9.968 618		.480	6 13.2
		19		22			3		7 15.4
521	9.564 479		9.595 864		0.404 136	9.968 615		479	8 17.6
522	9.564 499	20	9.595 886	22	0.404 114	9.968 612	3	478	9 19.8
523	9.564 518	19	9.595 909	23	0.404 091	9.968 609	3	477	
		19		22			3		
524	9.564 537		9.595 931		0.404 069	9.968 606		476	
525	9.564 556	19	9.595 953	22	0.404 047	9.968 603	3	475	
526	9.564 575	19	9.595 975	22	0.404 025	9.968 600	3	474	
		20		22			3		
527	9.564 595		9.595 997		0.404 003	9.968 597		473	20
528	9.564 614	19	9.596 020	23	0.403 980	9.968 594	3	472	
529	9.564 633	19	9.596 042	22	0.403 958	9.968 591	3	471	1 2.0
		19		22			3		2 4.0
.530	9.564 652		9.596 064		0.403 936	9.968 588		.470	3 6.0
		19		22			3		4 8.0
531	9.564 671		9.596 086		0.403 914	9.968 585		469	5 10.0
532	9.564 691	20	9.596 108	22	0.403 892	9.968 582	3	468	6 12.0
533	9.564 710	19	9.596 131	23	0.403 869	9.968 579	3	467	7 14.0
		19		22			3		8 16.0
534	9.564 729		9.596 153		0.403 847	9.968 576		466	9 18.0
535	9.564 748	19	9.596 175	22	0.403 825	9.968 573	3	465	
536	9.564 768	20	9.596 197	22	0.403 803	9.968 570	3	464	
		19		22			3		
537	9.564 787		9.596 219		0.403 781	9.968 567		463	
538	9.564 806	19	9.596 242	23	0.403 758	9.968 564	3	462	
539	9.564 825	19	9.596 264	22	0.403 736	9.968 561	3	461	19
		19		22			3		
.540	9.564 844		9.596 286		0.403 714	9.968 558		.460	1 1.9
		20		22			3		2 3.8
541	9.564 864		9.596 308		0.403 692	9.968 555		459	3 5.7
542	9.564 883	19	9.596 330	22	0.403 670	9.968 552	3	458	4 7.6
543	9.564 902	19	9.596 353	23	0.403 647	9.968 549	3	457	5 9.5
		19		22			3		6 11.4
544	9.564 921		9.596 375		0.403 625	9.968 546		456	7 13.3
545	9.564 940	19	9.596 397	22	0.403 603	9.968 543	3	455	8 15.2
546	9.564 960	20	9.596 419	22	0.403 581	9.968 540	3	454	9 17.1
		19		22			3		
547	9.564 979		9.596 441		0.403 559	9.968 537		453	
548	9.564 998	19	9.596 464	23	0.403 536	9.968 534	3	452	
549	9.565 017	19	9.596 486	22	0.403 514	9.968 531	3	451	
		19		22			3		
.550	9.565 036		9.596 508		0.403 492	9.968 528		.450	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.500 — 68°.450

21°.550 — 21°.600

21°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.565 036		9.596 508		0.403 492	9.968 528		**.450**	
		20		22			3		
551	9.565 056		9.596 530		0.403 470	9.968 525		449	
552	9.565 075	19	9.596 552	22	0.403 448	9.968 522	3	448	
553	9.565 094	19	9.596 574	22	0.403 426	9.968 519	3	447	
		19		23			3		23
554	9.565 113		9.596 597		0.403 403	9.968 516		446	1 2.3
555	9.565 132	19	9.596 619	22	0.403 381	9.968 513	3	445	2 4.6
556	9.565 151	19	9.596 641	22	0.403 359	9.968 510	3	444	3 6.9
		20		22			3		4 9.2
557	9.565 171		9.596 663		0.403 337	9.968 507		443	5 11.5
558	9.565 190	19	9.596 685	22	0.403 315	9.968 504	3	442	6 13.8
559	9.565 209	19	9.596 708	23	0.403 292	9.968 501	3	441	7 16.1
		19		22			3		8 18.4
.560	9.565 228		9.596 730		0.403 270	9.968 498		**.440**	9 20.7
		19		22			3		
561	9.565 247		9.596 752		0.403 248	9.968 495		439	
562	9.565 267	20	9.596 774	22	0.403 226	9.968 492	3	438	
563	9.565 286	19	9.596 796	22	0.403 204	9.968 489	3	437	
		19		22			3		
564	9.565 305		9.596 818		0.403 182	9.968 486		436	
565	9.565 324	19	9.596 841	23	0.403 159	9.968 484	2	435	
566	9.565 343	19	9.596 863	22	0.403 137	9.968 481	3	434	22
		19		22			3		1 2.2
567	9.565 362		9.596 885		0.403 115	9.968 478		433	2 4.4
568	9.565 382	20	9.596 907	22	0.403 093	9.968 475	3	432	3 6.6
569	9.565 401	19	9.596 929	22	0.403 071	9.968 472	3	431	4 8.8
		19		22			3		5 11.0
.570	9.565 420		9.596 951		0.403 049	9.968 469		**.430**	6 13.2
		19		23			3		7 15.4
571	9.565 439		9.596 974		0.403 026	9.968 466		429	8 17.6
572	9.565 458	19	9.596 996	22	0.403 004	9.968 463	3	428	9 19.8
573	9.565 478	20	9.597 018	22	0.402 982	9.968 460	3	427	
		19		22			3		
574	9.565 497		9.597 040		0.402 960	9.968 457		426	
575	9.565 516	19	9.597 062	22	0.402 938	9.968 454	3	425	
576	9.565 535	19	9.597 084	22	0.402 916	9.968 451	3	424	
		19		23			3		
577	9.565 554		9.597 107		0.402 893	9.968 448		423	20
578	9.565 573	19	9.597 129	22	0.402 871	9.968 445	3	422	
579	9.565 593	20	9.597 151	22	0.402 849	9.968 442	3	421	1 2.0
		19		22			3		2 4.0
.580	9.565 612		9.597 173		0.402 827	9.968 439		**.420**	3 6.0
		19		22			3		4 8.0
581	9.565 631		9.597 195		0.402 805	9.968 436		419	5 10.0
582	9.565 650	19	9.597 217	22	0.402 783	9.968 433	3	418	6 12.0
583	9.565 669	19	9.597 240	23	0.402 760	9.968 430	3	417	7 14.0
		19		22			3		8 16.0
584	9.565 688		9.597 262		0.402 738	9.968 427		416	9 18.0
585	9.565 708	20	9.597 284	22	0.402 716	9.968 424	3	415	
586	9.565 727	19	9.597 306	22	0.402 694	9.968 421	3	414	
		19		22			3		
587	9.565 746		9.597 328		0.402 672	9.968 418		413	
588	9.565 765	19	9.597 350	22	0.402 650	9.968 415	3	412	
589	9.565 784	19	9.597 373	23	0.402 627	9.968 412	3	411	19
		19		22			3		
.590	9.565 803		9.597 395		0.402 605	9.968 409		**.410**	1 1.9
		19		22			3		2 3.8
591	9.565 822		9.597 417		0.402 583	9.968 406		409	3 5.7
592	9.565 842	20	9.597 439	22	0.402 561	9.968 403	3	408	4 7.6
593	9.565 861	19	9.597 461	22	0.402 539	9.968 400	3	407	5 9.5
		19		22			3		6 11.4
594	9.565 880		9.597 483		0.402 517	9.968 397		406	7 13.3
595	9.565 899	19	9.597 505	22	0.402 495	9.968 394	3	405	8 15.2
596	9.565 918	19	9.597 528	23	0.402 472	9.968 391	3	404	9 17.1
		19		22			3		
597	9.565 937		9.597 550		0.402 450	9.968 388		403	
598	9.565 956	19	9.597 572	22	0.402 428	9.968 385	3	402	
599	9.565 976	20	9.597 594	22	0.402 406	9.968 382	3	401	
		19		22			3		
.600	9.565 995		9.597 616		0.402 384	9.968 379		**.400**	
	cos	d	cotg	d	tang	sin	d	**68°**	P.P.

68°.450 — 68°.400

21°.600 — 21°.650

21°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.565 995		9.597 616		0.402 384	9.968 379		**.400**	
		19		22			3		
601	9.566 014		9.597 638		0.402 362	9.968 376		399	
602	9.566 033	19	9.597 661	23	0.402 339	9.968 373	3	398	
603	9.566 052	19	9.597 683	22	0.402 317	9.968 370	3	397	
		19		22			3		23
604	9.566 071		9.597 705		0.402 295	9.968 367		396	1 2.3
605	9.566 090	19	9.597 727	22	0.402 273	9.968 364	3	395	2 4.6
606	9.566 110	20	9.597 749	22	0.402 251	9.968 361	3	394	3 6.9
		19		22			3		4 9.2
607	9.566 129		9.597 771		0.402 229	9.968 358		393	5 11.5
608	9.566 148	19	9.597 793	22	0.402 207	9.968 355	3	392	6 13.8
609	9.566 167	19	9.597 816	23	0.402 184	9.968 352	3	391	7 16.1
		19		22			3		8 18.4
.610	9.566 186		9.597 838		0.402 162	9.968 349		**.390**	9 20.7
		19		22			3		
611	9.566 205		9.597 860		0.402 140	9.968 346		389	
612	9.566 224	19	9.597 882	22	0.402 118	9.968 343	3	388	
613	9.566 244	20	9.597 904	22	0.402 096	9.968 340	3	387	
		19		22			3		
614	9.566 263		9.597 926		0.402 074	9.968 337		386	
615	9.566 282	19	9.597 948	22	0.402 052	9.968 334	3	385	22
616	9.566 301	19	9.597 970	22	0.402 030	9.968 331	3	384	
		19		23			3		1 2.2
617	9.566 320		9.597 993		0.402 007	9.968 328		383	2 4.4
618	9.566 339	19	9.598 015	22	0.401 985	9.968 325	3	382	3 6.6
619	9.566 358	19	9.598 037	22	0.401 963	9.968 322	3	381	4 8.8
		19		22			3		5 11.0
.620	9.566 377		9.598 059		0.401 941	9.968 319		**.380**	6 13.2
		20		22			3		7 15.4
621	9.566 397		9.598 081		0.401 919	9.968 316		379	8 17.6
622	9.566 416	19	9.598 103	22	0.401 897	9.968 312	4	378	9 19.8
623	9.566 435	19	9.598 125	22	0.401 875	9.968 309	3	377	
		19		22			3		
624	9.566 454		9.598 147		0.401 853	9.968 306		376	
625	9.566 473	19	9.598 170	23	0.401 830	9.968 303	3	375	
626	9.566 492	19	9.598 192	22	0.401 808	9.968 300	3	374	
		19		22			3		
627	9.566 511		9.598 214		0.401 786	9.968 297		373	20
628	9.566 530	19	9.598 236	22	0.401 764	9.968 294	3	372	
629	9.566 550	20	9.598 258	22	0.401 742	9.968 291	3	371	1 2.0
		19		22			3		2 4.0
.630	9.566 569		9.598 280		0.401 720	9.968 288		**.370**	3 6.0
		19		22			3		4 8.0
631	9.566 588		9.598 302		0.401 698	9.968 285		369	5 10.0
632	9.566 607	19	9.598 324	22	0.401 676	9.968 282	3	368	6 12.0
633	9.566 626	19	9.598 347	23	0.401 653	9.968 279	3	367	7 14.0
		19		22			3		8 16.0
634	9.566 645		9.598 369		0.401 631	9.968 276		366	9 18.0
635	9.566 664	19	9.598 391	22	0.401 609	9.968 273	3	365	
636	9.566 683	19	9.598 413	22	0.401 587	9.968 270	3	364	
		19		22			3		
637	9.566 702		9.598 435		0.401 565	9.968 267		363	
638	9.566 722	20	9.598 457	22	0.401 543	9.968 264	3	362	
639	9.566 741	19	9.598 479	22	0.401 521	9.968 261	3	361	19
		19		22			3		
.640	9.566 760		9.598 501		0.401 499	9.968 258		**.360**	1 1.9
		19		23			3		2 3.8
641	9.566 779		9.598 524		0.401 476	9.968 255		359	3 5.7
642	9.566 798	19	9.598 546	22	0.401 454	9.968 252	3	358	4 7.6
643	9.566 817	19	9.598 568	22	0.401 432	9.968 249	3	357	5 9.5
		19		22			3		6 11.4
644	9.566 836		9.598 590		0.401 410	9.968 246		356	7 13.3
645	9.566 855	19	9.598 612	22	0.401 388	9.968 243	3	355	8 15.2
646	9.566 874	19	9.598 634	22	0.401 366	9.968 240	3	354	9 17.1
		20		22			3		
647	9.566 894		9.598 656		0.401 344	9.968 237		353	
648	9.566 913	19	9.598 678	22	0.401 322	9.968 234	3	352	
649	9.566 932	19	9.598 700	22	0.401 300	9.968 231	3	351	
		19		22			3		
.650	9.566 951		9.598 722		0.401 278	9.968 228		**.350**	
	cos	d	cotg	d	tang	sin	d	**68°**	P.P.

68°.400 — 68°.350

21°.650 — 21°.700

21°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.566 951		9.598 722		0.401 278	9.968 228		**.350**	
		19		23			3		
651	9.566 970		9.598 745		0.401 255	9.968 225		349	
652	9.566 989	19	9.598 767	22	0.401 233	9.968 222	3	348	
653	9.567 008	19	9.598 789	22	0.401 211	9.968 219	3	347	
		19		22			3		
654	9.567 027		9.598 811		0.401 189	9.968 216		346	
655	9.567 046	19	9.598 833	22	0.401 167	9.968 213	3	345	
656	9.567 065	19	9.598 855	22	0.401 145	9.968 210	3	344	
		19		22			3		
657	9.567 084		9.598 877		0.401 123	9.968 207		343	
658	9.567 104	20	9.598 899	22	0.401 101	9.968 204	3	342	
659	9.567 123	19	9.598 921	22	0.401 079	9.968 201	3	341	
		19		22			3		
.660	9.567 142		9.598 943		0.401 057	9.968 198		**.340**	
		19		23			3		
661	9.567 161		9.598 966		0.401 034	9.968 195		339	
662	9.567 180	19	9.598 988	22	0.401 012	9.968 192	3	338	
663	9.567 199	19	9.599 010	22	0.400 990	9.968 189	3	337	
		19		22			3		
664	9.567 218		9.599 032		0.400 968	9.968 186		336	
665	9.567 237	19	9.599 054	22	0.400 946	9.968 183	3	335	
666	9.567 256	19	9.599 076	22	0.400 924	9.968 180	3	334	
		19		22			3		
667	9.567 275		9.599 098		0.400 902	9.968 177		333	
668	9.567 294	19	9.599 120	22	0.400 880	9.968 174	3	332	
669	9.567 313	19	9.599 142	22	0.400 858	9.968 171	3	331	
		20		22			3		
.670	9.567 333		9.599 164		0.400 836	9.968 168		**.330**	
		19		22			3		
671	9.567 352		9.599 186		0.400 814	9.968 165		329	
672	9.567 371	19	9.599 209	23	0.400 791	9.968 162	3	328	
673	9.567 390	19	9.599 231	22	0.400 769	9.968 159	3	327	
		19		22			3		
674	9.567 409		9.599 253		0.400 747	9.968 156		326	
675	9.567 428	19	9.599 275	22	0.400 725	9.968 153	3	325	
676	9.567 447	19	9.599 297	22	0.400 703	9.968 150	3	324	
		19		22			3		
677	9.567 466		9.599 319		0.400 681	9.968 147		323	
678	9.567 485	19	9.599 341	22	0.400 659	9.968 144	3	322	
679	9.567 504	19	9.599 363	22	0.400 637	9.968 141	3	321	
		19		22			3		
.680	9.567 523		9.599 385		0.400 615	9.968 138		**.320**	
		19		22			3		
681	9.567 542		9.599 407		0.400 593	9.968 135		319	
682	9.567 561	19	9.599 429	22	0.400 571	9.968 132	3	318	
683	9.567 580	19	9.599 451	22	0.400 549	9.968 129	3	317	
		19		23			3		
684	9.567 599		9.599 474		0.400 526	9.968 126		316	
685	9.567 619	20	9.599 496	22	0.400 504	9.968 123	3	315	
686	9.567 638	19	9.599 518	22	0.400 482	9.968 120	3	314	
		19		22			3		
687	9.567 657		9.599 540		0.400 460	9.968 117		313	
688	9.567 676	19	9.599 562	22	0.400 438	9.968 114	3	312	
689	9.567 695	19	9.599 584	22	0.400 416	9.968 111	3	311	
		19		22			3		
.690	9.567 714		9.599 606		0.400 394	9.968 108		**.310**	
		19		22			3		
691	9.567 733		9.599 628		0.400 372	9.968 105		309	
692	9.567 752	19	9.599 650	22	0.400 350	9.968 102	3	308	
693	9.567 771	19	9.599 672	22	0.400 328	9.968 099	3	307	
		19		22			3		
694	9.567 790		9.599 694		0.400 306	9.968 096		306	
695	9.567 809	19	9.599 716	22	0.400 284	9.968 093	3	305	
696	9.567 828	19	9.599 738	22	0.400 262	9.968 090	3	304	
		19		22			3		
697	9.567 847		9.599 760		0.400 240	9.968 087		303	
698	9.567 866	19	9.599 783	23	0.400 217	9.968 084	3	302	
699	9.567 885	19	9.599 805	22	0.400 195	9.968 081	3	301	
		19		22			3		
.700	9.567 904		9.599 827		0.400 173	9.968 078		**.300**	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

68°.350 — 68°.300

21°.700 — 21°.750

21°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.567 904		9.599 827		0.400 173	9.968 078		**.300**	
		19		22			3		
701	9.567 923		9.599 849		0.400 151	9.968 075		299	
702	9.567 942	19	9.599 871	22	0.400 129	9.968 072	3	298	
703	9.567 962	20	9.599 893	22	0.400 107	9.968 069	3	297	
		19		22			3		
704	9.567 981		9.599 915		0.400 085	9.968 066		296	
705	9.568 000	19	9.599 937	22	0.400 063	9.968 063	3	295	
706	9.568 019	19	9.599 959	22	0.400 041	9.968 060	3	294	
		19		22			3		
707	9.568 038		9.599 981		0.400 019	9.968 057		293	
708	9.568 057	19	9.600 003	22	0.399 997	9.968 054	3	292	
709	9.568 076	19	9.600 025	22	0.399 975	9.968 051	3	291	
		19		22			3		
.710	9.568 095		9.600 047		0.399 953	9.968 048		**.290**	
		19		22			4		
711	9.568 114		9.600 069		0.399 931	9.968 044		289	
712	9.568 133	19	9.600 091	22	0.399 909	9.968 041	3	288	
713	9.568 152	19	9.600 113	22	0.399 887	9.968 038	3	287	
		19		23			3		
714	9.568 171		9.600 136		0.399 864	9.968 035		286	
715	9.568 190	19	9.600 158	22	0.399 842	9.968 032	3	285	
716	9.568 209	19	9.600 180	22	0.399 820	9.968 029	3	284	
		19		22			3		
717	9.568 228		9.600 202		0.399 798	9.968 026		283	
718	9.568 247	19	9.600 224	22	0.399 776	9.968 023	3	282	
719	9.568 266	19	9.600 246	22	0.399 754	9.968 020	3	281	
		19		22			3		
.720	9.568 285		9.600 268		0.399 732	9.968 017		**.280**	
		19		22			3		
721	9.568 304		9.600 290		0.399 710	9.968 014		279	
722	9.568 323	19	9.600 312	22	0.399 688	9.968 011	3	278	
723	9.568 342	19	9.600 334	22	0.399 666	9.968 008	3	277	
		19		22			3		
724	9.568 361		9.600 356		0.399 644	9.968 005		276	
725	9.568 380	19	9.600 378	22	0.399 622	9.968 002	3	275	
726	9.568 399	19	9.600 400	22	0.399 600	9.967 999	3	274	
		19		22			3		
727	9.568 418		9.600 422		0.399 578	9.967 996		273	
728	9.568 437	19	9.600 444	22	0.399 556	9.967 993	3	272	
729	9.568 456	19	9.600 466	22	0.399 534	9.967 990	3	271	
		19		22			3		
.730	9.568 475		9.600 488		0.399 512	9.967 987		**.270**	
		19		22			3		
731	9.568 494		9.600 510		0.399 490	9.967 984		269	
732	9.568 513	19	9.600 532	22	0.399 468	9.967 981	3	268	
733	9.568 532	19	9.600 554	22	0.399 446	9.967 978	3	267	
		19		22			3		
734	9.568 551		9.600 576		0.399 424	9.967 975		266	
735	9.568 570	19	9.600 598	22	0.399 402	9.967 972	3	265	
736	9.568 589	19	9.600 620	22	0.399 380	9.967 969	3	264	
		19		22			3		
737	9.568 608		9.600 642		0.399 358	9.967 966		263	
738	9.568 627	19	9.600 665	23	0.399 335	9.967 963	3	262	
739	9.568 646	19	9.600 687	22	0.399 313	9.967 960	3	261	
		19		22			3		
.740	9.568 665		9.600 709		0.399 291	9.967 957		**.260**	
		20		22			3		
741	9.568 685		9.600 731		0.399 269	9.967 954		259	
742	9.568 704	19	9.600 753	22	0.399 247	9.967 951	3	258	
743	9.568 723	19	9.600 775	22	0.399 225	9.967 948	3	257	
		19		22			3		
744	9.568 742		9.600 797		0.399 203	9.967 945		256	
745	9.568 761	19	9.600 819	22	0.399 181	9.967 942	3	255	
746	9.568 780	19	9.600 841	22	0.399 159	9.967 939	3	254	
		19		22			3		
747	9.568 799		9.600 863		0.399 137	9.967 936		253	
748	9.568 818	19	9.600 885	22	0.399 115	9.967 933	3	252	
749	9.568 837	19	9.600 907	22	0.399 093	9.967 930	3	251	
		19		22			3		
.750	9.568 856		9.600 929		0.399 071	9.967 927		**.250**	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

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1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

68°.300 — 68°.250

21°.750 — 21°.800

21°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.568 856		9.600 929		0.399 071	9.967 927		**.250**	
		19		22			3		
751	9.568 875		9.600 951		0.399 049	9.967 924		249	
752	9.568 894	19	9.600 973	22	0.399 027	9.967 921	3	248	
753	9.568 913	19	9.600 995	22	0.399 005	9.967 918	3	247	
		19		22			3		
754	9.568 932		9.601 017		0.398 983	9.967 915		246	
755	9.568 951	19	9.601 039	22	0.398 961	9.967 912	3	245	
756	9.568 970	19	9.601 061	22	0.398 939	9.967 909	3	244	
		19		22			3		
757	9.568 989		9.601 083		0.398 917	9.967 906		243	
758	9.569 007	18	9.601 105	22	0.398 895	9.967 902	4	242	
759	9.569 026	19	9.601 127	22	0.398 873	9.967 899	3	241	
		19		22			3		
.760	9.569 045		9.601 149		0.398 851	9.967 896		**.240**	
		19		22			3		
761	9.569 064		9.601 171		0.398 829	9.967 893		239	
762	9.569 083	19	9.601 193	22	0.398 807	9.967 890	3	238	
763	9.569 102	19	9.601 215	22	0.398 785	9.967 887	3	237	
		19		22			3		
764	9.569 121		9.601 237		0.398 763	9.967 884		236	
765	9.569 140	19	9.601 259	22	0.398 741	9.967 881	3	235	
766	9.569 159	19	9.601 281	22	0.398 719	9.967 878	3	234	
		19		22			3		
767	9.569 178		9.601 303		0.398 697	9.967 875		233	
768	9.569 197	19	9.601 325	22	0.398 675	9.967 872	3	232	
769	9.569 216	19	9.601 347	22	0.398 653	9.967 869	3	231	
		19		22			3		
.770	9.569 235		9.601 369		0.398 631	9.967 866		**.230**	
		19		22			3		
771	9.569 254		9.601 391		0.398 609	9.967 863		229	
772	9.569 273	19	9.601 413	22	0.398 587	9.967 860	3	228	
773	9.569 292	19	9.601 435	22	0.398 565	9.967 857	3	227	
		19		22			3		
774	9.569 311		9.601 457		0.398 543	9.967 854		226	
775	9.569 330	19	9.601 479	22	0.398 521	9.967 851	3	225	
776	9.569 349	19	9.601 501	22	0.398 499	9.967 848	3	224	
		19		22			3		
777	9.569 368		9.601 523		0.398 477	9.967 845		223	
778	9.569 387	19	9.601 545	22	0.398 455	9.967 842	3	222	
779	9.569 406	19	9.601 567	22	0.398 433	9.967 839	3	221	
		19		22			3		
.780	9.569 425		9.601 589		0.398 411	9.967 836		**.220**	
		19		22			3		
781	9.569 444		9.601 611		0.398 389	9.967 833		219	
782	9.569 463	19	9.601 633	22	0.398 367	9.967 830	3	218	
783	9.569 482	19	9.601 655	22	0.398 345	9.967 827	3	217	
		19		22			3		
784	9.569 501		9.601 677		0.398 323	9.967 824		216	
785	9.569 520	19	9.601 699	22	0.398 301	9.967 821	3	215	
786	9.569 539	19	9.601 721	22	0.398 279	9.967 818	3	214	
		19		22			3		
787	9.569 558		9.601 743		0.398 257	9.967 815		213	
788	9.569 577	19	9.601 765	22	0.398 235	9.967 812	3	212	
789	9.569 596	19	9.601 787	22	0.398 213	9.967 809	3	211	
		19		22			3		
.790	9.569 615		9.601 809		0.398 191	9.967 806		**.210**	
		19		22			3		
791	9.569 634		9.601 831		0.398 169	9.967 803		209	
792	9.569 653	19	9.601 853	22	0.398 147	9.967 800	3	208	
793	9.569 672	19	9.601 875	22	0.398 125	9.967 796	4	207	
		19		22			3		
794	9.569 691		9.601 897		0.398 103	9.967 793		206	
795	9.569 710	19	9.601 919	22	0.398 081	9.967 790	3	205	
796	9.569 728	18	9.601 941	22	0.398 059	9.967 787	3	204	
		19		22			3		
797	9.569 747		9.601 963		0.398 037	9.967 784		203	
798	9.569 766	19	9.601 985	22	0.398 015	9.967 781	3	202	
799	9.569 785	19	9.602 007	22	0.397 993	9.967 778	3	201	
		19		22			3		
.800	9.569 804		9.602 029		0.397 971	9.967 775		**.200**	
	cos	d	cotg	d	tang	sin	d	**68°**	P.P.

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

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1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

68°.250 — 68°.200

21°.800 — 21°.850

21°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.569 804		9.602 029		0.397 971	9.967 775		.200	
		19		22			3		
801	9.569 823		9.602 051		0.397 949	9.967 772		199	
802	9.569 842	19	9.602 073	22	0.397 927	9.967 769	3	198	
803	9.569 861	19	9.602 095	22	0.397 905	9.967 766	3	197	
		19		22			3		
804	9.569 880		9.602 117		0.397 883	9.967 763		196	
805	9.569 899	19	9.602 139	22	0.397 861	9.967 760	3	195	
806	9.569 918	19	9.602 161	22	0.397 839	9.967 757	3	194	
		19		22			3		
807	9.569 937		9.602 183		0.397 817	9.967 754		193	
808	9.569 956	19	9.602 205	22	0.397 795	9.967 751	3	192	
809	9.569 975	19	9.602 227	22	0.397 773	9.967 748	3	191	
		19		22			3		
.810	9.569 994		9.602 249		0.397 751	9.967 745		.190	
		19		22			3		
811	9.570 013		9.602 271		0.397 729	9.967 742		189	
812	9.570 032	19	9.602 293	22	0.397 707	9.967 739	3	188	
813	9.570 051	19	9.602 315	22	0.397 685	9.967 736	3	187	
		19		22			3		
814	9.570 070		9.602 337		0.397 663	9.967 733		186	
815	9.570 088	18	9.602 359	22	0.397 641	9.967 730	3	185	
816	9.570 107	19	9.602 381	22	0.397 619	9.967 727	3	184	
		19		22			3		
817	9.570 126		9.602 403		0.397 597	9.967 724		183	
818	9.570 145	19	9.602 425	22	0.397 575	9.967 721	3	182	
819	9.570 164	19	9.602 447	22	0.397 553	9.967 718	3	181	
		19		22			3		
.820	9.570 183		9.602 469		0.397 531	9.967 715		.180	
		19		21			3		
821	9.570 202		9.602 490		0.397 510	9.967 712		179	
822	9.570 221	19	9.602 512	22	0.397 488	9.967 709	3	178	
823	9.570 240	19	9.602 534	22	0.397 466	9.967 706	3	177	
		19		22			4		
824	9.570 259		9.602 556		0.397 444	9.967 702		176	
825	9.570 278	19	9.602 578	22	0.397 422	9.967 699	3	175	
826	9.570 297	19	9.602 600	22	0.397 400	9.967 696	3	174	
		19		22			3		
827	9.570 316		9.602 622		0.397 378	9.967 693		173	
828	9.570 335	19	9.602 644	22	0.397 356	9.967 690	3	172	
829	9.570 353	18	9.602 666	22	0.397 334	9.967 687	3	171	
		19		22			3		
.830	9.570 372		9.602 688		0.397 312	9.967 684		.170	
		19		22			3		
831	9.570 391		9.602 710		0.397 290	9.967 681		169	
832	9.570 410	19	9.602 732	22	0.397 268	9.967 678	3	168	
833	9.570 429	19	9.602 754	22	0.397 246	9.967 675	3	167	
		19		22			3		
834	9.570 448		9.602 776		0.397 224	9.967 672		166	
835	9.570 467	19	9.602 798	22	0.397 202	9.967 669	3	165	
836	9.570 486	19	9.602 820	22	0.397 180	9.967 666	3	164	
		19		22			3		
837	9.570 505		9.602 842		0.397 158	9.967 663		163	
838	9.570 524	19	9.602 864	22	0.397 136	9.967 660	3	162	
839	9.570 543	19	9.602 886	22	0.397 114	9.967 657	3	161	
		19		22			3		
.840	9.570 562		9.602 908		0.397 092	9.967 654		.160	
		18		22			3		
841	9.570 580		9.602 930		0.397 070	9.967 651		159	
842	9.570 599	19	9.602 952	22	0.397 048	9.967 648	3	158	
843	9.570 618	19	9.602 974	22	0.397 026	9.967 645	3	157	
		19		21			3		
844	9.570 637		9.602 995		0.397 005	9.967 642		156	
845	9.570 656	19	9.603 017	22	0.396 983	9.967 639	3	155	
846	9.570 675	19	9.603 039	22	0.396 961	9.967 636	3	154	
		19		22			3		
847	9.570 694		9.603 061		0.396 939	9.967 633		153	
848	9.570 713	19	9.603 083	22	0.396 917	9.967 630	3	152	
849	9.570 732	19	9.603 105	22	0.396 895	9.967 627	3	151	
		19		22			3		
.850	9.570 751		9.603 127		0.396 873	9.967 624		.150	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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6	13.2
7	15.4
8	17.6
9	19.8

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1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

68°.200 — 68°.150

21°.850 — 21°.900

21°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.570 751		9.603 127		0.396 873	9.967 624		**.150**	
		19		22			4		
851	9.570 770		9.603 149		0.396 851	9.967 620		149	
852	9.570 788	18	9.603 171	22	0.396 829	9.967 617	3	148	
853	9.570 807	19	9.603 193	22	0.396 807	9.967 614	3	147	
		19		22			3		
854	9.570 826		9.603 215		0.396 785	9.967 611		146	
855	9.570 845	19	9.603 237	22	0.396 763	9.967 608	3	145	
856	9.570 864	19	9.603 259	22	0.396 741	9.967 605	3	144	
		19		22			3		
857	9.570 883		9.603 281		0.396 719	9.967 602		143	
858	9.570 902	19	9.603 303	22	0.396 697	9.967 599	3	142	
859	9.570 921	19	9.603 325	22	0.396 675	9.967 596	3	141	
		19		22			3		
.860	9.570 940		9.603 347		0.396 653	9.967 593		**.140**	
		19		21			3		
861	9.570 959		9.603 368		0.396 632	9.967 590		139	
862	9.570 977	18	9.603 390	22	0.396 610	9.967 587	3	138	
863	9.570 996	19	9.603 412	22	0.396 588	9.967 584	3	137	
		19		22			3		
864	9.571 015		9.603 434		0.396 566	9.967 581		136	
865	9.571 034	19	9.603 456	22	0.396 544	9.967 578	3	135	
866	9.571 053	19	9.603 478	22	0.396 522	9.967 575	3	134	
		19		22			3		
867	9.571 072		9.603 500		0.396 500	9.967 572		133	
868	9.571 091	19	9.603 522	22	0.396 478	9.967 569	3	132	
869	9.571 110	19	9.603 544	22	0.396 456	9.967 566	3	131	
		19		22			3		
.870	9.571 129		9.603 566		0.396 434	9.967 563		**.130**	
		18		22			3		
871	9.571 147		9.603 588		0.396 412	9.967 560		129	
872	9.571 166	19	9.603 610	22	0.396 390	9.967 557	3	128	
873	9.571 185	19	9.603 632	22	0.396 368	9.967 554	3	127	
		19		22			3		
874	9.571 204		9.603 654		0.396 346	9.967 551		126	
875	9.571 223	19	9.603 675	21	0.396 325	9.967 547	4	125	
876	9.571 242	19	9.603 697	22	0.396 303	9.967 544	3	124	
		19		22			3		
877	9.571 261		9.603 719		0.396 281	9.967 541		123	
878	9.571 280	19	9.603 741	22	0.396 259	9.967 538	3	122	
879	9.571 298	18	9.603 763	22	0.396 237	9.967 535	3	121	
		19		22			3		
.880	9.571 317		9.603 785		0.396 215	9.967 532		**.120**	
		19		22			3		
881	9.571 336		9.603 807		0.396 193	9.967 529		119	
882	9.571 355	19	9.603 829	22	0.396 171	9.967 526	3	118	
883	9.571 374	19	9.603 851	22	0.396 149	9.967 523	3	117	
		19		22			3		
884	9.571 393		9.603 873		0.396 127	9.967 520		116	
885	9.571 412	19	9.603 895	22	0.396 105	9.967 517	3	115	
886	9.571 431	19	9.603 917	22	0.396 083	9.967 514	3	114	
		18		21			3		
887	9.571 449		9.603 938		0.396 062	9.967 511		113	
888	9.571 468	19	9.603 960	22	0.396 040	9.967 508	3	112	
889	9.571 487	19	9.603 982	22	0.396 018	9.967 505	3	111	
		19		22			3		
.890	9.571 506		9.604 004		0.395 996	9.967 502		**.110**	
		19		22			3		
891	9.571 525		9.604 026		0.395 974	9.967 499		109	
892	9.571 544	19	9.604 048	22	0.395 952	9.967 496	3	108	
893	9.571 563	19	9.604 070	22	0.395 930	9.967 493	3	107	
		18		22			3		
894	9.571 581		9.604 092		0.395 908	9.967 490		106	
895	9.571 600	19	9.604 114	22	0.395 886	9.967 487	3	105	
896	9.571 619	19	9.604 136	22	0.395 864	9.967 484	3	104	
		19		22			4		
897	9.571 638		9.604 158		0.395 842	9.967 480		103	
898	9.571 657	19	9.604 179	21	0.395 821	9.967 477	3	102	
899	9.571 676	19	9.604 201	22	0.395 799	9.967 474	3	101	
		19		22			3		
.900	9.571 695		9.604 223		0.395 777	9.967 471		**.100**	
	cos	d	cotg	d	tang	sin	d	**68°**	P.P.

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

68°.150 — 68°.100

21°.900 — 21°.950

21°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.571 695	18	9.604 223	22	0.395 777	9.967 471	3	.100	
901	9.571 713	19	9.604 245	22	0.395 755	9.967 468	3	099	
902	9.571 732	19	9.604 267	22	0.395 733	9.967 465	3	098	
903	9.571 751	19	9.604 289	22	0.395 711	9.967 462	3	097	
904	9.571 770	19	9.604 311	22	0.395 689	9.967 459	3	096	22
905	9.571 789	19	9.604 333	22	0.395 667	9.967 456	3	095	1 2.2
906	9.571 808	19	9.604 355	22	0.395 645	9.967 453	3	094	2 4.4
907	9.571 827	19	9.604 377	22	0.395 623	9.967 450	3	093	3 6.6
908	9.571 845	18	9.604 398	21	0.395 602	9.967 447	3	092	4 8.8
909	9.571 864	19	9.604 420	22	0.395 580	9.967 444	3	091	5 11.0
.910	9.571 883	19	9.604 442	22	0.395 558	9.967 441	3	.090	6 13.2
911	9.571 902	19	9.604 464	22	0.395 536	9.967 438	3	089	7 15.4
912	9.571 921	19	9.604 486	22	0.395 514	9.967 435	3	088	8 17.6
913	9.571 940	19	9.604 508	22	0.395 492	9.967 432	3	087	9 19.8
914	9.571 958	18	9.604 530	22	0.395 470	9.967 429	3	086	
915	9.571 977	19	9.604 552	22	0.395 448	9.967 426	3	085	
916	9.571 996	19	9.604 574	22	0.395 426	9.967 423	3	084	21
917	9.572 015	19	9.604 595	21	0.395 405	9.967 420	3	083	1 2.1
918	9.572 034	19	9.604 617	22	0.395 383	9.967 416	4	082	2 4.2
919	9.572 053	19	9.604 639	22	0.395 361	9.967 413	3	081	3 6.3
.920	9.572 072	18	9.604 661	22	0.395 339	9.967 410	3	.080	4 8.4
921	9.572 090	19	9.604 683	22	0.395 317	9.967 407	3	079	5 10.5
922	9.572 109	19	9.604 705	22	0.395 295	9.967 404	3	078	6 12.6
923	9.572 128	19	9.604 727	22	0.395 273	9.967 401	3	077	7 14.7
924	9.572 147	19	9.604 749	22	0.395 251	9.967 398	3	076	8 16.8
925	9.572 166	19	9.604 771	22	0.395 229	9.967 395	3	075	9 18.9
926	9.572 185	19	9.604 792	21	0.395 208	9.967 392	3	074	
927	9.572 203	18	9.604 814	22	0.395 186	9.967 389	3	073	
928	9.572 222	19	9.604 836	22	0.395 164	9.967 386	3	072	19
929	9.572 241	19	9.604 858	22	0.395 142	9.967 383	3	071	1 1.9
.930	9.572 260	19	9.604 880	22	0.395 120	9.967 380	3	.070	2 3.8
931	9.572 279	19	9.604 902	22	0.395 098	9.967 377	3	069	3 5.7
932	9.572 297	18	9.604 924	22	0.395 076	9.967 374	3	068	4 7.6
933	9.572 316	19	9.604 946	22	0.395 054	9.967 371	3	067	5 9.5
934	9.572 335	19	9.604 967	21	0.395 033	9.967 368	3	066	6 11.4
935	9.572 354	19	9.604 989	22	0.395 011	9.967 365	3	065	7 13.3
936	9.572 373	19	9.605 011	22	0.394 989	9.967 362	3	064	8 15.2
937	9.572 392	19	9.605 033	22	0.394 967	9.967 358	4	063	9 17.1
938	9.572 410	18	9.605 055	22	0.394 945	9.967 355	3	062	
939	9.572 429	19	9.605 077	22	0.394 923	9.967 352	3	061	
.940	9.572 448	19	9.605 099	22	0.394 901	9.967 349	3	.060	18
941	9.572 467	19	9.605 121	22	0.394 879	9.967 346	3	059	1 1.8
942	9.572 486	19	9.605 142	21	0.394 858	9.967 343	3	058	2 3.6
943	9.572 505	19	9.605 164	22	0.394 836	9.967 340	3	057	3 5.4
944	9.572 523	18	9.605 186	22	0.394 814	9.967 337	3	056	4 7.2
945	9.572 542	19	9.605 208	22	0.394 792	9.967 334	3	055	5 9.0
946	9.572 561	19	9.605 230	22	0.394 770	9.967 331	3	054	6 10.8
947	9.572 580	19	9.605 252	22	0.394 748	9.967 328	3	053	7 12.6
948	9.572 599	19	9.605 274	22	0.394 726	9.967 325	3	052	8 14.4
949	9.572 617	18	9.605 296	22	0.394 704	9.967 322	3	051	9 16.2
.950	9.572 636	19	9.605 317	21	0.394 683	9.967 319	3	.050	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.100 — 68°.050

21°.950 — 22°.000

21°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.572 636		9.605 317		0.394 683	9.967 319		**.050**	
		19		22			3		
951	9.572 655		9.605 339		0.394 661	9.967 316		049	
952	9.572 674	19	9.605 361	22	0.394 639	9.967 313	3	048	
953	9.572 693	19	9.605 383	22	0.394 617	9.967 310	3	047	
		18		22			3		22
954	9.572 711		9.605 405		0.394 595	9.967 307		046	1 2.2
955	9.572 730	19	9.605 427	22	0.394 573	9.967 304	3	045	2 4.4
956	9.572 749	19	9.605 449	22	0.394 551	9.967 300	4	044	3 6.6
		19		21			3		4 8.8
957	9.572 768		9.605 470		0.394 530	9.967 297		043	5 11.0
958	9.572 787	19	9.605 492	22	0.394 508	9.967 294	3	042	6 13.2
959	9.572 805	18	9.605 514	22	0.394 486	9.967 291	3	041	7 15.4
		19		22			3		8 17.6
.960	9.572 824		9.605 536		0.394 464	9.967 288		**.040**	9 19.8
		19		22			3		
961	9.572 843		9.605 558		0.394 442	9.967 285		039	
962	9.572 862	19	9.605 580	22	0.394 420	9.967 282	3	038	
963	9.572 881	19	9.605 602	22	0.394 398	9.967 279	3	037	
		18		21			3		
964	9.572 899		9.605 623		0.394 377	9.967 276		036	
965	9.572 918	19	9.605 645	22	0.394 355	9.967 273	3	035	21
966	9.572 937	19	9.605 667	22	0.394 333	9.967 270	3	034	
		19		22			3		1 2.1
967	9.572 956		9.605 689		0.394 311	9.967 267		033	2 4.2
968	9.572 975	19	9.605 711	22	0.394 289	9.967 264	3	032	3 6.3
969	9.572 993	18	9.605 733	22	0.394 267	9.967 261	3	031	4 8.4
		19		22			3		5 10.5
.970	9.573 012		9.605 755		0.394 245	9.967 258		**.030**	6 12.6
		19		21			3		7 14.7
971	9.573 031		9.605 776		0.394 224	9.967 255		029	8 16.8
972	9.573 050	19	9.605 798	22	0.394 202	9.967 252	3	028	9 18.9
973	9.573 069	19	9.605 820	22	0.394 180	9.967 248	4	027	
		18		22			3		
974	9.573 087		9.605 842		0.394 158	9.967 245		026	
975	9.573 106	19	9.605 864	22	0.394 136	9.967 242	3	025	
976	9.573 125	19	9.605 886	22	0.394 114	9.967 239	3	024	
		19		21			3		
977	9.573 144		9.605 907		0.394 093	9.967 236		023	19
978	9.573 162	18	9.605 929	22	0.394 071	9.967 233	3	022	
979	9.573 181	19	9.605 951	22	0.394 049	9.967 230	3	021	1 1.9
		19		22			3		2 3.8
.980	9.573 200		9.605 973		0.394 027	9.967 227		**.020**	3 5.7
		19		22			3		4 7.6
981	9.573 219		9.605 995		0.394 005	9.967 224		019	5 9.5
982	9.573 238	19	9.606 017	22	0.393 983	9.967 221	3	018	6 11.4
983	9.573 256	18	9.606 038	21	0.393 962	9.967 218	3	017	7 13.3
		19		22			3		8 15.2
984	9.573 275		9.606 060		0.393 940	9.967 215		016	9 17.1
985	9.573 294	19	9.606 082	22	0.393 918	9.967 212	3	015	
986	9.573 313	19	9.606 104	22	0.393 896	9.967 209	3	014	
		18		22			3		
987	9.573 331		9.606 126		0.393 874	9.967 206		013	
988	9.573 350	19	9.606 148	22	0.393 852	9.967 203	3	012	
989	9.573 369	19	9.606 169	21	0.393 831	9.967 200	3	011	18
		19		22			4		
.990	9.573 388		9.606 191		0.393 809	9.967 196		**.010**	1 1.8
		19		22			3		2 3.6
991	9.573 407		9.606 213		0.393 787	9.967 193		009	3 5.4
992	9.573 425	18	9.606 235	22	0.393 765	9.967 190	3	008	4 7.2
993	9.573 444	19	9.606 257	22	0.393 743	9.967 187	3	007	5 9.0
		19		22			3		6 10.8
994	9.573 463		9.606 279		0.393 721	9.967 184		006	7 12.6
995	9.573 482	19	9.606 300	21	0.393 700	9.967 181	3	005	8 14.4
996	9.573 500	18	9.606 322	22	0.393 678	9.967 178	3	004	9 16.2
		19		22			3		
997	9.573 519		9.606 344		0.393 656	9.967 175		003	
998	9.573 538	19	9.606 366	22	0.393 634	9.967 172	3	002	
999	9.573 557	19	9.606 388	22	0.393 612	9.967 169	3	001	
		18		22			3		
***000**	9.573 575		9.606 410		0.393 590	9.967 166		**.000**	
	cos	d	cotg	d	tang	sin	d	**68°**	P.P.

68°.050 — 68°.000

22°.000 — 22°.050

22°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9·573 575		9.606 410		0.393 590	9.967 166		***000**	
		19		21			3		
001	9·573 594		9.606 431		0.393 569	9.967 163		999	
002	9·573 613	19	9.606 453	22	0.393 547	9.967 160	3	998	
003	9·573 632	19	9.606 475	22	0.393 525	9.967 157	3	997	
		18		22			3		22
004	9·573 650		9.606 497		0.393 503	9.967 154		996	1 2.2
005	9·573 669	19	9.606 519	22	0.393 481	9.967 151	3	995	2 4.4
006	9·573 688	19	9.606 540	21	0.393 460	9.967 147	4	994	3 6.6
		19		22			3		4 8.8
007	9·573 707		9.606 562		0.393 438	9.967 144		993	5 11.0
008	9·573 725	18	9.606 584	22	0.393 416	9.967 141	3	992	6 13.2
009	9·573 744	19	9.606 606	22	0.393 394	9.967 138	3	991	7 15.4
		19		22			3		8 17.6
.010	9·573 763		9.606 628		0.393 372	9.967 135		**.990**	9 19.8
		19		22			3		
011	9·573 782		9.606 650		0.393 350	9.967 132		989	
012	9·573 800	18	9.606 671	21	0.393 329	9.967 129	3	988	
013	9·573 819	19	9.606 693	22	0.393 307	9.967 126	3	987	
		19		22			3		
014	9·573 838		9.606 715		0.393 285	9.967 123		986	
015	9·573 857	19	9.606 737	22	0.393 263	9.967 120	3	985	21
016	9·573 875	18	9.606 759	22	0.393 241	9.967 117	3	984	
		19		21			3		1 2.1
017	9·573 894		9.606 780		0.393 220	9.967 114		983	2 4.2
018	9·573 913	19	9.606 802	22	0.393 198	9.967 111	3	982	3 6.3
019	9·573 932	19	9.606 824	22	0.393 176	9.967 108	3	981	4 8.4
		18		22			3		5 10.5
.020	9·573 950		9.606 846		0.393 154	9.967 105		**.980**	6 12.6
		19		22			3		7 14.7
021	9·573 969		9.606 868		0.393 132	9.967 102		979	8 16.8
022	9·573 988	19	9.606 889	21	0.393 111	9.967 098	4	978	9 18.9
023	9·574 007	19	9.606 911	22	0.393 089	9.967 095	3	977	
		18		22			3		
024	9·574 025		9.606 933		0.393 067	9.967 092		976	
025	9·574 044	19	9.606 955	22	0.393 045	9.967 089	3	975	
026	9·574 063	19	9.606 977	22	0.393 023	9.967 086	3	974	
		19		21			3		19
027	9·574 082		9.606 998		0.393 002	9.967 083		973	
028	9·574 100	18	9.607 020	22	0.392 980	9.967 080	3	972	1 1.9
029	9·574 119	19	9.607 042	22	0.392 958	9.967 077	3	971	2 3.8
		19		22			3		3 5.7
.030	9·574 138		9.607 064		0.392 936	9.967 074		**.970**	4 7.6
		19		22			3		5 9.5
031	9·574 157		9.607 086		0.392 914	9.967 071		969	6 11.4
032	9·574 175	18	9.607 107	21	0.392 893	9.967 068	3	968	7 13.3
033	9·574 194	19	9.607 129	22	0.392 871	9.967 065	3	967	8 15.2
		19		22			3		9 17.1
034	9·574 213		9.607 151		0.392 849	9.967 062		966	
035	9·574 231	18	9.607 173	22	0.392 827	9.967 059	3	965	
036	9·574 250	19	9.607 195	22	0.392 805	9.967 056	3	964	
		19		21			4		
037	9·574 269		9.607 216		0.392 784	9.967 052		963	
038	9·574 288	19	9.607 238	22	0.392 762	9.967 049	3	962	
039	9·574 306	18	9.607 260	22	0.392 740	9.967 046	3	961	18
		19		22			3		
.040	9·574 325		9.607 282		0.392 718	9.967 043		**.960**	1 1.8
		19		22			3		2 3.6
041	9·574 344		9.607 304		0.392 696	9.967 040		959	3 5.4
042	9·574 363	19	9.607 325	21	0.392 675	9.967 037	3	958	4 7.2
043	9·574 381	18	9.607 347	22	0.392 653	9.967 034	3	957	5 9.0
		19		22			3		6 10.8
044	9·574 400		9.607 369		0.392 631	9.967 031		956	7 12.6
045	9·574 419	19	9.607 391	22	0.392 609	9.967 028	3	955	8 14.4
046	9·574 437	18	9.607 413	22	0.392 587	9.967 025	3	954	9 16.2
		19		21			3		
047	9·574 456		9.607 434		0.392 566	9.967 022		953	
048	9·574 475	19	9.607 456	22	0.392 544	9.967 019	3	952	
049	9·574 494	19	9.607 478	22	0.392 522	9.967 016	3	951	
		18		22			3		
.050	9·574 512		9.607 500		0.392 500	9.967 013		**.950**	
	cos	d	cotg	d	tang	sin	d	**67°**	P.P.

68°.000 — 67°.950

22°.050 — 22°.100

22°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.574 512		9.607 500		0.392 500	9.967 013		.950	
		19		22			4		
051	9.574 531		9.607 522		0.392 478	9.967 009		949	
052	9.574 550	19	9.607 543	21	0.392 457	9.967 006	3	948	
053	9.574 568	18	9.607 565	22	0.392 435	9.967 003	3	947	
		19		22			3		
054	9.574 587		9.607 587		0.392 413	9.967 000		946	
055	9.574 606	19	9.607 609	22	0.392 391	9.966 997	3	945	
056	9.574 625	19	9.607 630	21	0.392 370	9.966 994	3	944	
		18		22			3		
057	9.574 643		9.607 652		0.392 348	9.966 991		943	
058	9.574 662	19	9.607 674	22	0.392 326	9.966 988	3	942	
059	9.574 681	19	9.607 696	22	0.392 304	9.966 985	3	941	
		18		22			3		
.060	9.574 699		9.607 718		0.392 282	9.966 982		.940	
		19		21			3		
061	9.574 718		9.607 739		0.392 261	9.966 979		939	
062	9.574 737	19	9.607 761	22	0.392 239	9.966 976	3	938	
063	9.574 755	18	9.607 783	22	0.392 217	9.966 973	3	937	
		19		22			3		
064	9.574 774		9.607 805		0.392 195	9.966 970		936	
065	9.574 793	19	9.607 826	21	0.392 174	9.966 966	4	935	
066	9.574 812	19	9.607 848	22	0.392 152	9.966 963	3	934	
		18		22			3		
067	9.574 830		9.607 870		0.392 130	9.966 960		933	
068	9.574 849	19	9.607 892	22	0.392 108	9.966 957	3	932	
069	9.574 868	19	9.607 913	21	0.392 087	9.966 954	3	931	
		18		22			3		
.070	9.574 886		9.607 935		0.392 065	9.966 951		.930	
		19		22			3		
071	9.574 905		9.607 957		0.392 043	9.966 948		929	
072	9.574 924	19	9.607 979	22	0.392 021	9.966 945	3	928	
073	9.574 942	18	9.608 001	22	0.391 999	9.966 942	3	927	
		19		21			3		
074	9.574 961		9.608 022		0.391 978	9.966 939		926	
075	9.574 980	19	9.608 044	22	0.391 956	9.966 936	3	925	
076	9.574 999	19	9.608 066	22	0.391 934	9.966 933	3	924	
		18		22			3		
077	9.575 017		9.608 088		0.391 912	9.966 930		923	19
078	9.575 036	19	9.608 109	21	0.391 891	9.966 927	3	922	
079	9.575 055	19	9.608 131	22	0.391 869	9.966 923	4	921	1 1.9
		18		22			3		2 3.8
.080	9.575 073		9.608 153		0.391 847	9.966 920		.920	3 5.7
		19		22			3		4 7.6
081	9.575 092		9.608 175		0.391 825	9.966 917		919	5 9.5
082	9.575 111	19	9.608 196	21	0.391 804	9.966 914	3	918	6 11.4
083	9.575 129	18	9.608 218	22	0.391 782	9.966 911	3	917	7 13.3
		19		22			3		8 15.2
084	9.575 148		9.608 240		0.391 760	9.966 908		916	9 17.1
085	9.575 167	19	9.608 262	22	0.391 738	9.966 905	3	915	
086	9.575 185	18	9.608 283	21	0.391 717	9.966 902	3	914	
		19		22			3		
087	9.575 204		9.608 305		0.391 695	9.966 899		913	
088	9.575 223	19	9.608 327	22	0.391 673	9.966 896	3	912	
089	9.575 241	18	9.608 349	22	0.391 651	9.966 893	3	911	18
		19		21			3		
.090	9.575 260		9.608 370		0.391 630	9.966 890		.910	1 1.8
		19		22			3		2 3.6
091	9.575 279		9.608 392		0.391 608	9.966 887		909	3 5.4
092	9.575 297	18	9.608 414	22	0.391 586	9.966 883	4	908	4 7.2
093	9.575 316	19	9.608 436	22	0.391 564	9.966 880	3	907	5 9.0
		19		21			3		6 10.8
094	9.575 335		9.608 457		0.391 543	9.966 877		906	7 12.6
095	9.575 353	18	9.608 479	22	0.391 521	9.966 874	3	905	8 14.4
096	9.575 372	19	9.608 501	22	0.391 499	9.966 871	3	904	9 16.2
		19		22			3		
097	9.575 391		9.608 523		0.391 477	9.966 868		903	
098	9.575 409	18	9.608 544	21	0.391 456	9.966 865	3	902	
099	9.575 428	19	9.608 566	22	0.391 434	9.966 862	3	901	
		19		22			3		
.100	9.575 447		9.608 588		0.391 412	9.966 859		.900	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.950 — 67°.900

22°.100 — 22°.150

22°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.575 447		9.608 588		0.391 412	9.966 859		.900	
		18		22			3		
101	9.575 465		9.608 610		0.391 390	9.966 856		899	
102	9.575 484	19	9.608 631	21	0.391 369	9.966 853	3	898	
103	9.575 503	19	9.608 653	22	0.391 347	9.966 850	3	897	
		18		22			3		
104	9.575 521		9.608 675		0.391 325	9.966 847		896	
105	9.575 540	19	9.608 697	22	0.391 303	9.966 843	4	895	
106	9.575 559	19	9.608 718	21	0.391 282	9.966 840	3	894	
		18		22			3		
107	9.575 577		9.608 740		0.391 260	9.966 837		893	
108	9.575 596	19	9.608 762	22	0.391 238	9.966 834	3	892	
109	9.575 615	19	9.608 784	22	0.391 216	9.966 831	3	891	
		18		21			3		
.110	9.575 633		9.608 805		0.391 195	9.966 828		.890	
		19		22			3		
111	9.575 652		9.608 827		0.391 173	9.966 825		889	
112	9.575 671	19	9.608 849	22	0.391 151	9.966 822	3	888	
113	9.575 689	18	9.608 871	22	0.391 129	9.966 819	3	887	
		19		21			3		
114	9.575 708		9.608 892		0.391 108	9.966 816		886	
115	9.575 727	19	9.608 914	22	0.391 086	9.966 813	3	885	
116	9.575 745	18	9.608 936	22	0.391 064	9.966 810	3	884	
		19		22			4		
117	9.575 764		9.608 958		0.391 042	9.966 806		883	
118	9.575 783	19	9.608 979	21	0.391 021	9.966 803	3	882	
119	9.575 801	18	9.609 001	22	0.390 999	9.966 800	3	881	
		19		22			3		
.120	9.575 820		9.609 023		0.390 977	9.966 797		.880	
		19		21			3		
121	9.575 839		9.609 044		0.390 956	9.966 794		879	
122	9.575 857	18	9.609 066	22	0.390 934	9.966 791	3	878	
123	9.575 876	19	9.609 088	22	0.390 912	9.966 788	3	877	
		19		22			3		
124	9.575 895		9.609 110		0.390 890	9.966 785		876	
125	9.575 913	18	9.609 131	21	0.390 869	9.966 782	3	875	
126	9.575 932	19	9.609 153	22	0.390 847	9.966 779	3	874	
		18		22			3		
127	9.575 950		9.609 175		0.390 825	9.966 776		873	
128	9.575 969	19	9.609 197	22	0.390 803	9.966 773	3	872	
129	9.575 988	19	9.609 218	21	0.390 782	9.966 770	3	871	
		18		22			4		
.130	9.576 006		9.609 240		0.390 760	9.966 766		.870	
		19		22			3		
131	9.576 025		9.609 262		0.390 738	9.966 763		869	
132	9.576 044	19	9.609 283	21	0.390 717	9.966 760	3	868	
133	9.576 062	18	9.609 305	22	0.390 695	9.966 757	3	867	
		19		22			3		
134	9.576 081		9.609 327		0.390 673	9.966 754		866	
135	9.576 100	19	9.609 349	22	0.390 651	9.966 751	3	865	
136	9.576 118	18	9.609 370	21	0.390 630	9.966 748	3	864	
		19		22			3		
137	9.576 137		9.609 392		0.390 608	9.966 745		863	
138	9.576 155	18	9.609 414	22	0.390 586	9.966 742	3	862	
139	9.576 174	19	9.609 435	21	0.390 565	9.966 739	3	861	
		19		22			3		
.140	9.576 193		9.609 457		0.390 543	9.966 736		.860	
		18		22			3		
141	9.576 211		9.609 479		0.390 521	9.966 733		859	
142	9.576 230	19	9.609 501	22	0.390 499	9.966 729	4	858	
143	9.576 249	19	9.609 522	21	0.390 478	9.966 726	3	857	
		18		22			3		
144	9.576 267		9.609 544		0.390 456	9.966 723		856	
145	9.576 286	19	9.609 566	22	0.390 434	9.966 720	3	855	
146	9.576 304	18	9.609 587	21	0.390 413	9.966 717	3	854	
		19		22			3		
147	9.576 323		9.609 609		0.390 391	9.966 714		853	
148	9.576 342	19	9.609 631	22	0.390 369	9.966 711	3	852	
149	9.576 360	18	9.609 653	22	0.390 347	9.966 708	3	851	
		19		21			3		
.150	9.576 379		9.609 674		0.390 326	9.966 705		.850	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

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1	2.2
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5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

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9	18.9

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4	7.6
5	9.5
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7	13.3
8	15.2
9	17.1

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1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

67°.900 — 67°.850

22°.150 — 22°.200

22°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.576 379		9.609 674		0.390 326	9.966 705		**.850**	
		19		22			3		
151	9.576 398		9.609 696		0.390 304	9.966 702		849	
152	9.576 416	18	9.609 718	22	0.390 282	9.966 699	3	848	
153	9.576 435	19	9.609 739	21	0.390 261	9.966 696	3	847	
		18		22			4		
154	9.576 453		9.609 761		0.390 239	9.966 692		846	
155	9.576 472	19	9.609 783	22	0.390 217	9.966 689	3	845	
156	9.576 491	19	9.609 804	21	0.390 196	9.966 686	3	844	
		18		22			3		
157	9.576 509		9.609 826		0.390 174	9.966 683		843	
158	9.576 528	19	9.609 848	22	0.390 152	9.966 680	3	842	
159	9.576 547	19	9.609 870	22	0.390 130	9.966 677	3	841	
		18		21			3		
.160	9.576 565		9.609 891		0.390 109	9.966 674		**.840**	
		19		22			3		
161	9.576 584		9.609 913		0.390 087	9.966 671		839	
162	9.576 602	18	9.609 935	22	0.390 065	9.966 668	3	838	
163	9.576 621	19	9.609 956	21	0.390 044	9.966 665	3	837	
		19		22			3		
164	9.576 640		9.609 978		0.390 022	9.966 662		836	
165	9.576 658	18	9.610 000	22	0.390 000	9.966 658	4	835	
166	9.576 677	19	9.610 021	21	0.389 979	9.966 655	3	834	
		18		22			3		
167	9.576 695		9.610 043		0.389 957	9.966 652		833	
168	9.576 714	19	9.610 065	22	0.389 935	9.966 649	3	832	
169	9.576 733	19	9.610 086	21	0.389 914	9.966 646	3	831	
		18		22			3		
.170	9.576 751		9.610 108		0.389 892	9.966 643		**.830**	
		19		22			3		
171	9.576 770		9.610 130		0.389 870	9.966 640		829	
172	9.576 788	18	9.610 152	22	0.389 848	9.966 637	3	828	
173	9.576 807	19	9.610 173	21	0.389 827	9.966 634	3	827	
		19		22			3		
174	9.576 826		9.610 195		0.389 805	9.966 631		826	
175	9.576 844	18	9.610 217	22	0.389 783	9.966 628	3	825	
176	9.576 863	19	9.610 238	21	0.389 762	9.966 624	4	824	
		18		22			3		
177	9.576 881		9.610 260		0.389 740	9.966 621		823	
178	9.576 900	19	9.610 282	22	0.389 718	9.966 618	3	822	
179	9.576 919	19	9.610 303	21	0.389 697	9.966 615	3	821	
		18		22			3		
.180	9.576 937		9.610 325		0.389 675	9.966 612		**.820**	
		19		22			3		
181	9.576 956		9.610 347		0.389 653	9.966 609		819	
182	9.576 974	18	9.610 368	21	0.389 632	9.966 606	3	818	
183	9.576 993	19	9.610 390	22	0.389 610	9.966 603	3	817	
		19		22			3		
184	9.577 012		9.610 412		0.389 588	9.966 600		816	
185	9.577 030	18	9.610 433	21	0.389 567	9.966 597	3	815	
186	9.577 049	19	9.610 455	22	0.389 545	9.966 594	3	814	
		18		22			4		
187	9.577 067		9.610 477		0.389 523	9.966 590		813	
188	9.577 086	19	9.610 498	21	0.389 502	9.966 587	3	812	
189	9.577 104	18	9.610 520	22	0.389 480	9.966 584	3	811	
		19		22			3		
.190	9.577 123		9.610 542		0.389 458	9.966 581		**.810**	
		19		22			3		
191	9.577 142		9.610 564		0.389 436	9.966 578		809	
192	9.577 160	18	9.610 585	21	0.389 415	9.966 575	3	808	
193	9.577 179	19	9.610 607	22	0.389 393	9.966 572	3	807	
		18		22			3		
194	9.577 197		9.610 629		0.389 371	9.966 569		806	
195	9.577 216	19	9.610 650	21	0.389 350	9.966 566	3	805	
196	9.577 235	19	9.610 672	22	0.389 328	9.966 563	3	804	
		18		22			3		
197	9.577 253		9.610 694		0.389 306	9.966 560		803	
198	9.577 272	19	9.610 715	21	0.389 285	9.966 556	4	802	
199	9.577 290	18	9.610 737	22	0.389 263	9.966 553	3	801	
		19		22			3		
.200	9.577 309		9.610 759		0.389 241	9.966 550		**.800**	
	cos	d	cotg	d	tang	sin	d	**67°**	P.P.

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

67°.850 — 67°.800

22°.200 — 22°.250

22°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9·577 309		9.610 759		0.389 241	9.966 550		.800	
		18		21			3		
201	9·577 327		9.610 780		0.389 220	9.966 547		799	
202	9·577 346	19	9.610 802	22	0.389 198	9.966 544	3	798	
203	9·577 365	19	9.610 824	22	0.389 176	9.966 541	3	797	
		18		21			3		22
204	9·577 383		9.610 845		0.389 155	9.966 538		796	1 2.2
205	9·577 402	19	9.610 867	22	0.389 133	9.966 535	3	795	2 4.4
206	9·577 420	18	9.610 889	22	0.389 111	9.966 532	3	794	3 6.6
		19		21			3		4 8.8
207	9·577 439		9.610 910		0.389 090	9.966 529		793	5 11.0
208	9·577 457	18	9.610 932	22	0.389 068	9.966 526	3	792	6 13.2
209	9·577 476	19	9.610 954	22	0.389 046	9.966 522	4	791	7 15.4
		19		21			3		8 17.6
.210	9·577 495		9.610 975		0.389 025	9.966 519		.790	9 19.8
		18		22			3		
211	9·577 513		9.610 997		0.389 003	9.966 516		789	
212	9·577 532	19	9.611 019	22	0.388 981	9.966 513	3	788	
213	9·577 550	18	9.611 040	21	0.388 960	9.966 510	3	787	
		19		22			3		
214	9·577 569		9.611 062		0.388 938	9.966 507		786	
215	9·577 587	18	9.611 083	21	0.388 917	9.966 504	3	785	21
216	9·577 606	19	9.611 105	22	0.388 895	9.966 501	3	784	
		18		22			3		1 2.1
217	9·577 624		9.611 127		0.388 873	9.966 498		783	2 4.2
218	9·577 643	19	9.611 148	21	0.388 852	9.966 495	3	782	3 6.3
219	9·577 662	19	9.611 170	22	0.388 830	9.966 491	4	781	4 8.4
		18		22			3		5 10.5
.220	9·577 680		9.611 192		0.388 808	9.966 488		.780	6 12.6
		19		21			3		7 14.7
221	9·577 699		9.611 213		0.388 787	9.966 485		779	8 16.8
222	9·577 717	18	9.611 235	22	0.388 765	9.966 482	3	778	9 18.9
223	9·577 736	19	9.611 257	22	0.388 743	9.966 479	3	777	
		18		21			3		
224	9·577 754		9.611 278		0.388 722	9.966 476		776	
225	9·577 773	19	9.611 300	22	0.388 700	9.966 473	3	775	
226	9·577 791	18	9.611 322	22	0.388 678	9.966 470	3	774	
		19		21			3		
227	9·577 810		9.611 343		0.388 657	9.966 467		773	19
228	9·577 829	19	9.611 365	22	0.388 635	9.966 464	3	772	
229	9·577 847	18	9.611 387	22	0.388 613	9.966 461	3	771	1 1.9
		19		21			4		2 3.8
.230	9·577 866		9.611 408		0.388 592	9.966 457		.770	3 5.7
		18		22			3		4 7.6
231	9·577 884		9.611 430		0.388 570	9.966 454		769	5 9.5
232	9·577 903	19	9.611 452	22	0.388 548	9.966 451	3	768	6 11.4
233	9·577 921	18	9.611 473	21	0.388 527	9.966 448	3	767	7 13.3
		19		22			3		8 15.2
234	9·577 940		9.611 495		0.388 505	9.966 445		766	9 17.1
235	9·577 958	18	9.611 516	21	0.388 484	9.966 442	3	765	
236	9·577 977	19	9.611 538	22	0.388 462	9.966 439	3	764	
		18		22			3		
237	9·577 995		9.611 560		0.388 440	9.966 436		763	
238	9·578 014	19	9.611 581	21	0.388 419	9.966 433	3	762	
239	9·578 033	19	9.611 603	22	0.388 397	9.966 430	3	761	18
		18		22			4		
.240	9·578 051		9.611 625		0.388 375	9.966 426		.760	1 1.8
		19		21			3		2 3.6
241	9·578 070		9.611 646		0.388 354	9.966 423		759	3 5.4
242	9·578 088	18	9.611 668	22	0.388 332	9.966 420	3	758	4 7.2
243	9·578 107	19	9.611 690	22	0.388 310	9.966 417	3	757	5 9.0
		18		21			3		6 10.8
244	9·578 125		9.611 711		0.388 289	9.966 414		756	7 12.6
245	9·578 144	19	9.611 733	22	0.388 267	9.966 411	3	755	8 14.4
246	9·578 162	18	9.611 754	21	0.388 246	9.966 408	3	754	9 16.2
		19		22			3		
247	9·578 181		9.611 776		0.388 224	9.966 405		753	
248	9·578 199	18	9.611 798	22	0.388 202	9.966 402	3	752	
249	9·578 218	19	9.611 819	21	0.388 181	9.966 399	3	751	
		18		22			4		
.250	9·578 236		9.611 841		0.388 159	9.966 395		.750	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.800 — 67°.750

22°.250 — 22°.300

22°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.578 236		9.611 841		0.388 159	9.966 395		**.750**	
		19		22			3		
251	9.578 255		9.611 863		0.388 137	9.966 392		749	
252	9.578 273	18	9.611 884	21	0.388 116	9.966 389	3	748	
253	9.578 292	19	9.611 906	22	0.388 094	9.966 386	3	747	
		18		21			3		22
254	9.578 310		9.611 927		0.388 073	9.966 383		746	1 2.2
255	9.578 329	19	9.611 949	22	0.388 051	9.966 380	3	745	2 4.4
256	9.578 348	19	9.611 971	22	0.388 029	9.966 377	3	744	3 6.6
		18		21			3		4 8.8
257	9.578 366		9.611 992		0.388 008	9.966 374		743	5 11.0
258	9.578 385	19	9.612 014	22	0.387 986	9.966 371	3	742	6 13.2
259	9.578 403	18	9.612 036	22	0.387 964	9.966 368	3	741	7 15.4
		19		21			4		8 17.6
.260	9.578 422		9.612 057		0.387 943	9.966 364		**.740**	9 19.8
		18		22			3		
261	9.578 440		9.612 079		0.387 921	9.966 361		739	
262	9.578 459	19	9.612 100	21	0.387 900	9.966 358	3	738	
263	9.578 477	18	9.612 122	22	0.387 878	9.966 355	3	737	
		19		22			3		
264	9.578 496		9.612 144		0.387 856	9.966 352		736	
265	9.578 514	18	9.612 165	21	0.387 835	9.966 349	3	735	
266	9.578 533	19	9.612 187	22	0.387 813	9.966 346	3	734	21
		18		22			3		1 2.1
267	9.578 551		9.612 209		0.387 791	9.966 343		733	2 4.2
268	9.578 570	19	9.612 230	21	0.387 770	9.966 340	3	732	3 6.3
269	9.578 588	18	9.612 252	22	0.387 748	9.966 336	4	731	4 8.4
		19		21			3		5 10.5
.270	9.578 607		9.612 273		0.387 727	9.966 333		**.730**	6 12.6
		18		22			3		7 14.7
271	9.578 625		9.612 295		0.387 705	9.966 330		729	8 16.8
272	9.578 644	19	9.612 317	22	0.387 683	9.966 327	3	728	9 18.9
273	9.578 662	18	9.612 338	21	0.387 662	9.966 324	3	727	
		19		22			3		
274	9.578 681		9.612 360		0.387 640	9.966 321		726	
275	9.578 699	18	9.612 381	21	0.387 619	9.966 318	3	725	
276	9.578 718	19	9.612 403	22	0.387 597	9.966 315	3	724	
		18		22			3		
277	9.578 736		9.612 425		0.387 575	9.966 312		723	19
278	9.578 755	19	9.612 446	21	0.387 554	9.966 309	3	722	
279	9.578 773	18	9.612 468	22	0.387 532	9.966 305	4	721	1 1.9
		19		21			3		2 3.8
.280	9.578 792		9.612 489		0.387 511	9.966 302		**.720**	3 5.7
		18		22			3		4 7.6
281	9.578 810		9.612 511		0.387 489	9.966 299		719	5 9.5
282	9.578 829	19	9.612 533	22	0.387 467	9.966 296	3	718	6 11.4
283	9.578 847	18	9.612 554	21	0.387 446	9.966 293	3	717	7 13.3
		19		22			3		8 15.2
284	9.578 866		9.612 576		0.387 424	9.966 290		716	9 17.1
285	9.578 884	18	9.612 597	21	0.387 403	9.966 287	3	715	
286	9.578 903	19	9.612 619	22	0.387 381	9.966 284	3	714	
		18		22			3		
287	9.578 921		9.612 641		0.387 359	9.966 281		713	
288	9.578 940	19	9.612 662	21	0.387 338	9.966 277	4	712	
289	9.578 958	18	9.612 684	22	0.387 316	9.966 274	3	711	18
		19		21			3		
.290	9.578 977		9.612 705		0.387 295	9.966 271		**.710**	1 1.8
		18		22			3		2 3.6
291	9.578 995		9.612 727		0.387 273	9.966 268		709	3 5.4
292	9.579 014	19	9.612 749	22	0.387 251	9.966 265	3	708	4 7.2
293	9.579 032	18	9.612 770	21	0.387 230	9.966 262	3	707	5 9.0
		19		22			3		6 10.8
294	9.579 051		9.612 792		0.387 208	9.966 259		706	7 12.6
295	9.579 069	18	9.612 813	21	0.387 187	9.966 256	3	705	8 14.4
296	9.579 088	19	9.612 835	22	0.387 165	9.966 253	3	704	9 16.2
		18		22			3		
297	9.579 106		9.612 857		0.387 143	9.966 250		703	
298	9.579 125	19	9.612 878	21	0.387 122	9.966 246	4	702	
299	9.579 143	18	9.612 900	22	0.387 100	9.966 243	3	701	
		19		21			3		
.300	9.579 162		9.612 921		0.387 079	9.966 240		**.700**	
	cos	d	cotg	d	tang	sin	d	**67°**	P.P.

67°.750 — 67°.700

22°.300 — 22°.350

22°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.579 162		9.612 921		0.387 079	9.966 240		.700	
		18		22			3		
301	9.579 180		9.612 943		0.387 057	9.966 237		699	
302	9.579 199	19	9.612 965	22	0.387 035	9.966 234	3	698	
303	9.579 217	18	9.612 986	21	0.387 014	9.966 231	3	697	
		19		22			3		
304	9.579 236		9.613 008		0.386 992	9.966 228		696	
305	9.579 254	18	9.613 029	21	0.386 971	9.966 225	3	695	
306	9.579 272	18	9.613 051	22	0.386 949	9.966 222	3	694	
		19		22			4		
307	9.579 291		9.613 073		0.386 927	9.966 218		693	
308	9.579 309	18	9.613 094	21	0.386 906	9.966 215	3	692	
309	9.579 328	19	9.613 116	22	0.386 884	9.966 212	3	691	
		18		21			3		
.310	9.579 346		9.613 137		0.386 863	9.966 209		.690	
		19		22			3		
311	9.579 365		9.613 159		0.386 841	9.966 206		689	
312	9.579 383	18	9.613 180	21	0.386 820	9.966 203	3	688	
313	9.579 402	19	9.613 202	22	0.386 798	9.966 200	3	687	
		18		22			3		
314	9.579 420		9.613 224		0.386 776	9.966 197		686	
315	9.579 439	19	9.613 245	21	0.386 755	9.966 194	3	685	
316	9.579 457	18	9.613 267	22	0.386 733	9.966 190	4	684	
		19		21			3		
317	9.579 476		9.613 288		0.386 712	9.966 187		683	
318	9.579 494	18	9.613 310	22	0.386 690	9.966 184	3	682	
319	9.579 513	19	9.613 331	21	0.386 669	9.966 181	3	681	
		18		22			3		
.320	9.579 531		9.613 353		0.386 647	9.966 178		.680	
		19		22			3		
321	9.579 550		9.613 375		0.386 625	9.966 175		679	
322	9.579 568	18	9.613 396	21	0.386 604	9.966 172	3	678	
323	9.579 586	18	9.613 418	22	0.386 582	9.966 169	3	677	
		19		21			3		
324	9.579 605		9.613 439		0.386 561	9.966 166		676	
325	9.579 623	18	9.613 461	22	0.386 539	9.966 162	4	675	
326	9.579 642	19	9.613 483	22	0.386 517	9.966 159	3	674	
		18		21			3		
327	9.579 660		9.613 504		0.386 496	9.966 156		673	
328	9.579 679	19	9.613 526	22	0.386 474	9.966 153	3	672	
329	9.579 697	18	9.613 547	21	0.386 453	9.966 150	3	671	
		19		22			3		
.330	9.579 716		9.613 569		0.386 431	9.966 147		.670	
		18		21			3		
331	9.579 734		9.613 590		0.386 410	9.966 144		669	
332	9.579 753	19	9.613 612	22	0.386 388	9.966 141	3	668	
333	9.579 771	18	9.613 633	21	0.386 367	9.966 138	3	667	
		18		22			4		
334	9.579 789		9.613 655		0.386 345	9.966 134		666	
335	9.579 808	19	9.613 677	22	0.386 323	9.966 131	3	665	
336	9.579 826	18	9.613 698	21	0.386 302	9.966 128	3	664	
		19		22			3		
337	9.579 845		9.613 720		0.386 280	9.966 125		663	
338	9.579 863	18	9.613 741	21	0.386 259	9.966 122	3	662	
339	9.579 882	19	9.613 763	22	0.386 237	9.966 119	3	661	
		18		21			3		
.340	9.579 900		9.613 784		0.386 216	9.966 116		.660	
		19		22			3		
341	9.579 919		9.613 806		0.386 194	9.966 113		659	
342	9.579 937	18	9.613 828	22	0.386 172	9.966 109	4	658	
343	9.579 955	18	9.613 849	21	0.386 151	9.966 106	3	657	
		19		22			3		
344	9.579 974		9.613 871		0.386 129	9.966 103		656	
345	9.579 992	18	9.613 892	21	0.386 108	9.966 100	3	655	
346	9.580 011	19	9.613 914	22	0.386 086	9.966 097	3	654	
		18		21			3		
347	9.580 029		9.613 935		0.386 065	9.966 094		653	
348	9.580 048	19	9.613 957	22	0.386 043	9.966 091	3	652	
349	9.580 066	18	9.613 978	21	0.386 022	9.966 088	3	651	
		19		22			3		
.350	9.580 085		9.614 000		0.386 000	9.966 085		.650	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

67°.700 — 67°.650

22°.350 — 22°.400

22°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.580 085		9.614 000		0.386 000	9.966 085		.650	
		18		22			4		
351	9.580 103		9.614 022		0.385 978	9.966 081		649	
352	9.580 121	18	9.614 043	21	0.385 957	9.966 078	3	648	
353	9.580 140	19	9.614 065	22	0.385 935	9.966 075	3	647	
		18		21			3		22
354	9.580 158		9.614 086		0.385 914	9.966 072		646	1 2.2
355	9.580 177	19	9.614 108	22	0.385 892	9.966 069	3	645	2 4.4
356	9.580 195	18	9.614 129	21	0.385 871	9.966 066	3	644	3 6.6
		19		22			3		4 8.8
357	9.580 214		9.614 151		0.385 849	9.966 063		643	5 11.0
358	9.580 232	18	9.614 172	21	0.385 828	9.966 060	3	642	6 13.2
359	9.580 250	18	9.614 194	22	0.385 806	9.966 057	3	641	7 15.4
		19		21			4		8 17.6
.360	9.580 269		9.614 215		0.385 785	9.966 053		.640	9 19.8
		18		22			3		
361	9.580 287		9.614 237		0.385 763	9.966 050		639	
362	9.580 306	19	9.614 259	22	0.385 741	9.966 047	3	638	
363	9.580 324	18	9.614 280	21	0.385 720	9.966 044	3	637	
		19		22			3		
364	9.580 343		9.614 302		0.385 698	9.966 041		636	
365	9.580 361	18	9.614 323	21	0.385 677	9.966 038	3	635	
366	9.580 379	18	9.614 345	22	0.385 655	9.966 035	3	634	21
		19		21			3		1 2.1
367	9.580 398		9.614 366		0.385 634	9.966 032		633	2 4.2
368	9.580 416	18	9.614 388	22	0.385 612	9.966 028	4	632	3 6.3
369	9.580 435	19	9.614 409	21	0.385 591	9.966 025	3	631	4 8.4
		18		22			3		5 10.5
.370	9.580 453		9.614 431		0.385 569	9.966 022		.630	6 12.6
		18		21			3		7 14.7
371	9.580 471		9.614 452		0.385 548	9.966 019		629	8 16.8
372	9.580 490	19	9.614 474	22	0.385 526	9.966 016	3	628	9 18.9
373	9.580 508	18	9.614 495	21	0.385 505	9.966 013	3	627	
		19		22			3		
374	9.580 527		9.614 517		0.385 483	9.966 010		626	
375	9.580 545	18	9.614 539	22	0.385 461	9.966 007	3	625	
376	9.580 564	19	9.614 560	21	0.385 440	9.966 003	4	624	
		18		22			3		
377	9.580 582		9.614 582		0.385 418	9.966 000		623	19
378	9.580 600	18	9.614 603	21	0.385 397	9.965 997	3	622	1 1.9
379	9.580 619	19	9.614 625	22	0.385 375	9.965 994	3	621	2 3.8
		18		21			3		3 5.7
.380	9.580 637		9.614 646		0.385 354	9.965 991		.620	4 7.6
		19		22			3		5 9.5
381	9.580 656		9.614 668		0.385 332	9.965 988		619	6 11.4
382	9.580 674	18	9.614 689	21	0.385 311	9.965 985	3	618	7 13.3
383	9.580 692	18	9.614 711	22	0.385 289	9.965 982	3	617	8 15.2
		19		21			3		9 17.1
384	9.580 711		9.614 732		0.385 268	9.965 979		616	
385	9.580 729	18	9.614 754	22	0.385 246	9.965 975	4	615	
386	9.580 748	19	9.614 775	21	0.385 225	9.965 972	3	614	
		18		22			3		
387	9.580 766		9.614 797		0.385 203	9.965 969		613	
388	9.580 784	18	9.614 818	21	0.385 182	9.965 966	3	612	
389	9.580 803	19	9.614 840	22	0.385 160	9.965 963	3	611	18
		18		21			3		
.390	9.580 821		9.614 861		0.385 139	9.965 960		.610	1 1.8
		19		22			3		2 3.6
391	9.580 840		9.614 883		0.385 117	9.965 957		609	3 5.4
392	9.580 858	18	9.614 905	22	0.385 095	9.965 954	3	608	4 7.2
393	9.580 876	18	9.614 926	21	0.385 074	9.965 950	4	607	5 9.0
		19		22			3		6 10.8
394	9.580 895		9.614 948		0.385 052	9.965 947		606	7 12.6
395	9.580 913	18	9.614 969	21	0.385 031	9.965 944	3	605	8 14.4
396	9.580 932	19	9.614 991	22	0.385 009	9.965 941	3	604	9 16.2
		18		21			3		
397	9.580 950		9.615 012		0.384 988	9.965 938		603	
398	9.580 968	18	9.615 034	22	0.384 966	9.965 935	3	602	
399	9.580 987	19	9.615 055	21	0.384 945	9.965 932	3	601	
		18		22			3		
.400	9.581 005		9.615 077		0.384 923	9.965 929		.600	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.650 — 67°.600

22°.400 — 22°.450

22°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.581 005		9.615 077		0.384 923	9.965 929		.600	
		19		21			4		
401	9.581 024		9.615 098		0.384 902	9.965 925		599	
402	9.581 042	18	9.615 120	22	0.384 880	9.965 922	3	598	
403	9.581 060	18	9.615 141	21	0.384 859	9.965 919	3	597	
		19		22			3		22
404	9.581 079		9.615 163		0.384 837	9.965 916		596	1 2.2
405	9.581 097	18	9.615 184	21	0.384 816	9.965 913	3	595	2 4.4
406	9.581 116	19	9.615 206	22	0.384 794	9.965 910	3	594	3 6.6
		18		21			3		4 8.8
407	9.581 134		9.615 227		0.384 773	9.965 907		593	5 11.0
408	9.581 152	18	9.615 249	22	0.384 751	9.965 904	3	592	6 13.2
409	9.581 171	19	9.615 270	21	0.384 730	9.965 900	4	591	7 15.4
		18		22			3		8 17.6
.410	9.581 189		9.615 292		0.384 708	9.965 897		.590	9 19.8
		18		21			3		
411	9.581 207		9.615 313		0.384 687	9.965 894		589	
412	9.581 226	19	9.615 335	22	0.384 665	9.965 891	3	588	
413	9.581 244	18	9.615 356	21	0.384 644	9.965 888	3	587	
		19		22			3		
414	9.581 263		9.615 378		0.384 622	9.965 885		586	
415	9.581 281	18	9.615 399	21	0.384 601	9.965 882	3	585	21
416	9.581 299	18	9.615 421	22	0.384 579	9.965 879	3	584	
		19		21			4		1 2.1
417	9.581 318		9.615 442		0.384 558	9.965 875		583	2 4.2
418	9.581 336	18	9.615 464	22	0.384 536	9.965 872	3	582	3 6.3
419	9.581 354	18	9.615 485	21	0.384 515	9.965 869	3	581	4 8.4
		19		22			3		5 10.5
.420	9.581 373		9.615 507		0.384 493	9.965 866		.580	6 12.6
		18		21			3		7 14.7
421	9.581 391		9.615 528		0.384 472	9.965 863		579	8 16.8
422	9.581 410	19	9.615 550	22	0.384 450	9.965 860	3	578	9 18.9
423	9.581 428	18	9.615 571	21	0.384 429	9.965 857	3	577	
		18		22			3		
424	9.581 446		9.615 593		0.384 407	9.965 854		576	
425	9.581 465	19	9.615 614	21	0.384 386	9.965 850	4	575	
426	9.581 483	18	9.615 636	22	0.384 364	9.965 847	3	574	
		18		21			3		
427	9.581 501		9.615 657		0.384 343	9.965 844		573	19
428	9.581 520	19	9.615 679	22	0.384 321	9.965 841	3	572	
429	9.581 538	18	9.615 700	21	0.384 300	9.965 838	3	571	1 1.9
		18		22			3		2 3.8
.430	9.581 556		9.615 722		0.384 278	9.965 835		.570	3 5.7
		19		21			3		4 7.6
431	9.581 575		9.615 743		0.384 257	9.965 832		569	5 9.5
432	9.581 593	18	9.615 765	22	0.384 235	9.965 828	4	568	6 11.4
433	9.581 612	19	9.615 786	21	0.384 214	9.965 825	3	567	7 13.3
		18		22			3		8 15.2
434	9.581 630		9.615 808		0.384 192	9.965 822		566	9 17.1
435	9.581 648	18	9.615 829	21	0.384 171	9.965 819	3	565	
436	9.581 667	19	9.615 851	22	0.384 149	9.965 816	3	564	
		18		21			3		
437	9.581 685		9.615 872		0.384 128	9.965 813		563	
438	9.581 703	18	9.615 894	22	0.384 106	9.965 810	3	562	
439	9.581 722	19	9.615 915	21	0.384 085	9.965 807	3	561	18
		18		22			4		
.440	9.581 740		9.615 937		0.384 063	9.965 803		.560	1 1.8
		18		21			3		2 3.6
441	9.581 758		9.615 958		0.384 042	9.965 800		559	3 5.4
442	9.581 777	19	9.615 980	22	0.384 020	9.965 797	3	558	4 7.2
443	9.581 795	18	9.616 001	21	0.383 999	9.965 794	3	557	5 9.0
		18		22			3		6 10.8
444	9.581 813		9.616 023		0.383 977	9.965 791		556	7 12.6
445	9.581 832	19	9.616 044	21	0.383 956	9.965 788	3	555	8 14.4
446	9.581 850	18	9.616 066	22	0.383 934	9.965 785	3	554	9 16.2
		19		21			3		
447	9.581 869		9.616 087		0.383 913	9.965 782		553	
448	9.581 887	18	9.616 108	21	0.383 892	9.965 778	4	552	
449	9.581 905	18	9.616 130	22	0.383 870	9.965 775	3	551	
		19		21			3		
.450	9.581 924		9.616 151		0.383 849	9.965 772		.550	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.600 — 67°.550

22°.450 — 22°.500

22°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.581 924	18	9.616 151	22	0.383 849	9.965 772	3	**.550**	
451	9.581 942	18	9.616 173	21	0.383 827	9.965 769	3	549	
452	9.581 960	19	9.616 194	22	0.383 806	9.965 766	3	548	
453	9.581 979	18	9.616 216	21	0.383 784	9.965 763	3	547	
454	9.581 997	18	9.616 237	22	0.383 763	9.965 760	4	546	22
455	9.582 015	19	9.616 259	21	0.383 741	9.965 756	3	545	1 2.2
456	9.582 034	18	9.616 280	22	0.383 720	9.965 753	3	544	2 4.4
457	9.582 052	18	9.616 302	21	0.383 698	9.965 750	3	543	3 6.6
458	9.582 070	19	9.616 323	22	0.383 677	9.965 747	3	542	4 8.8
459	9.582 089	18	9.616 345	21	0.383 655	9.965 744	3	541	5 11.0
.460	9.582 107	18	9.616 366	22	0.383 634	9.965 741	3	**.540**	6 13.2
461	9.582 125	19	9.616 388	21	0.383 612	9.965 738	3	539	7 15.4
462	9.582 144	18	9.616 409	22	0.383 591	9.965 735	4	538	8 17.6
463	9.582 162	18	9.616 431	21	0.383 569	9.965 731	3	537	9 19.8
464	9.582 180	19	9.616 452	21	0.383 548	9.965 728	3	536	
465	9.582 199	18	9.616 473	22	0.383 527	9.965 725	3	535	
466	9.582 217	18	9.616 495	21	0.383 505	9.965 722	3	534	21
467	9.582 235	19	9.616 516	22	0.383 484	9.965 719	3	533	1 2.1
468	9.582 254	18	9.616 538	21	0.383 462	9.965 716	3	532	2 4.2
469	9.582 272	18	9.616 559	22	0.383 441	9.965 713	4	531	3 6.3
.470	9.582 290	19	9.616 581	21	0.383 419	9.965 709	3	**.530**	4 8.4
471	9.582 309	18	9.616 602	22	0.383 398	9.965 706	3	529	5 10.5
472	9.582 327	18	9.616 624	21	0.383 376	9.965 703	3	528	6 12.6
473	9.582 345	19	9.616 645	22	0.383 355	9.965 700	3	527	7 14.7
474	9.582 364	18	9.616 667	21	0.383 333	9.965 697	3	526	8 16.8
475	9.582 382	18	9.616 688	22	0.383 312	9.965 694	3	525	9 18.9
476	9.582 400	19	9.616 710	21	0.383 290	9.965 691	3	524	
477	9.582 419	18	9.616 731	21	0.383 269	9.965 688	3	523	
478	9.582 437	18	9.616 752	22	0.383 248	9.965 684	4	522	19
479	9.582 455	18	9.616 774	21	0.383 226	9.965 681	3	521	1 1.9
.480	9.582 473	19	9.616 795	22	0.383 205	9.965 678	3	**.520**	2 3.8
481	9.582 492	18	9.616 817	21	0.383 183	9.965 675	3	519	3 5.7
482	9.582 510	18	9.616 838	22	0.383 162	9.965 672	3	518	4 7.6
483	9.582 528	19	9.616 860	21	0.383 140	9.965 669	3	517	5 9.5
484	9.582 547	18	9.616 881	22	0.383 119	9.965 666	4	516	6 11.4
485	9.582 565	18	9.616 903	21	0.383 097	9.965 662	3	515	7 13.3
486	9.582 583	19	9.616 924	22	0.383 076	9.965 659	3	514	8 15.2
487	9.582 602	18	9.616 946	21	0.383 054	9.965 656	3	513	9 17.1
488	9.582 620	18	9.616 967	21	0.383 033	9.965 653	3	512	
489	9.582 638	19	9.616 988	22	0.383 012	9.965 650	3	511	
.490	9.582 657	18	9.617 010	21	0.382 990	9.965 647	3	**.510**	18
491	9.582 675	18	9.617 031	22	0.382 969	9.965 644	4	509	1 1.8
492	9.582 693	19	9.617 053	21	0.382 947	9.965 640	3	508	2 3.6
493	9.582 712	18	9.617 074	22	0.382 926	9.965 637	3	507	3 5.4
494	9.582 730	18	9.617 096	21	0.382 904	9.965 634	3	506	4 7.2
495	9.582 748	18	9.617 117	22	0.382 883	9.965 631	3	505	5 9.0
496	9.582 766	19	9.617 139	21	0.382 861	9.965 628	3	504	6 10.8
497	9.582 785	18	9.617 160	21	0.382 840	9.965 625	3	503	7 12.6
498	9.582 803	18	9.617 181	22	0.382 819	9.965 622	4	502	8 14.4
499	9.582 821	19	9.617 203	21	0.382 797	9.965 618	3	501	9 16.2
.500	9.582 840		9.617 224		0.382 776	9.965 615		**.500**	
	cos	d	cotg	d	tang	sin	d	**67°**	P.P.

67°.550 — 67°.500

22°.500 — 22°.550

22°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.582 840		9.617 224		0.382 776	9.965 615		**.500**	
		18		22			3		
501	9.582 858		9.617 246		0.382 754	9.965 612		499	
502	9.582 876	18	9.617 267	21	0.382 733	9.965 609	3	498	
503	9.582 895	19	9.617 289	22	0.382 711	9.965 606	3	497	
		18		21			3		22
504	9.582 913		9.617 310		0.382 690	9.965 603		496	1 2.2
505	9.582 931	18	9.617 332	22	0.382 668	9.965 600	3	495	2 4.4
506	9.582 949	18	9.617 353	21	0.382 647	9.965 597	3	494	3 6.6
		19		21			4		4 8.8
507	9.582 968		9.617 374		0.382 626	9.965 593		493	5 11.0
508	9.582 986	18	9.617 396	22	0.382 604	9.965 590	3	492	6 13.2
509	9.583 004	18	9.617 417	21	0.382 583	9.965 587	3	491	7 15.4
		19		22			3		8 17.6
.510	9.583 023		9.617 439		0.382 561	9.965 584		**.490**	9 19.8
		18		21			3		
511	9.583 041		9.617 460		0.382 540	9.965 581		489	
512	9.583 059	18	9.617 482	22	0.382 518	9.965 578	3	488	
513	9.583 077	18	9.617 503	21	0.382 497	9.965 575	3	487	
		19		21			4		
514	9.583 096		9.617 524		0.382 476	9.965 571		486	
515	9.583 114	18	9.617 546	22	0.382 454	9.965 568	3	485	
516	9.583 132	18	9.617 567	21	0.382 433	9.965 565	3	484	21
		19		22			3		1 2.1
517	9.583 151		9.617 589		0.382 411	9.965 562		483	2 4.2
518	9.583 169	18	9.617 610	21	0.382 390	9.965 559	3	482	3 6.3
519	9.583 187	18	9.617 632	22	0.382 368	9.965 556	3	481	4 8.4
		18		21			3		5 10.5
.520	9.583 205		9.617 653		0.382 347	9.965 553		**.480**	6 12.6
		19		21			4		7 14.7
521	9.583 224		9.617 674		0.382 326	9.965 549		479	8 16.8
522	9.583 242	18	9.617 696	22	0.382 304	9.965 546	3	478	9 18.9
523	9.583 260	18	9.617 717	21	0.382 283	9.965 543	3	477	
		19		22			3		
524	9.583 279		9.617 739		0.382 261	9.965 540		476	
525	9.583 297	18	9.617 760	21	0.382 240	9.965 537	3	475	
526	9.583 315	18	9.617 781	21	0.382 219	9.965 534	3	474	
		18		22			3		
527	9.583 333		9.617 803		0.382 197	9.965 531		473	19
528	9.583 352	19	9.617 824	21	0.382 176	9.965 527	4	472	
529	9.583 370	18	9.617 846	22	0.382 154	9.965 524	3	471	1 1.9
		18		21			3		2 3.8
.530	9.583 388		9.617 867		0.382 133	9.965 521		**.470**	3 5.7
		19		22			3		4 7.6
531	9.583 407		9.617 889		0.382 111	9.965 518		469	5 9.5
532	9.583 425	18	9.617 910	21	0.382 090	9.965 515	3	468	6 11.4
533	9.583 443	18	9.617 931	21	0.382 069	9.965 512	3	467	7 13.3
		18		22			3		8 15.2
534	9.583 461		9.617 953		0.382 047	9.965 509		466	9 17.1
535	9.583 480	19	9.617 974	21	0.382 026	9.965 505	4	465	
536	9.583 498	18	9.617 996	22	0.382 004	9.965 502	3	464	
		18		21			3		
537	9.583 516		9.618 017		0.381 983	9.965 499		463	
538	9.583 534	18	9.618 038	21	0.381 962	9.965 496	3	462	
539	9.583 553	19	9.618 060	22	0.381 940	9.965 493	3	461	18
		18		21			3		
.540	9.583 571		9.618 081		0.381 919	9.965 490		**.460**	1 1.8
		18		22			4		2 3.6
541	9.583 589		9.618 103		0.381 897	9.965 486		459	3 5.4
542	9.583 607	18	9.618 124	21	0.381 876	9.965 483	3	458	4 7.2
543	9.583 626	19	9.618 146	22	0.381 854	9.965 480	3	457	5 9.0
		18		21			3		6 10.8
544	9.583 644		9.618 167		0.381 833	9.965 477		456	7 12.6
545	9.583 662	18	9.618 188	21	0.381 812	9.965 474	3	455	8 14.4
546	9.583 680	18	9.618 210	22	0.381 790	9.965 471	3	454	9 16.2
		19		21			3		
547	9.583 699		9.618 231		0.381 769	9.965 468		453	
548	9.583 717	18	9.618 253	22	0.381 747	9.965 464	4	452	
549	9.583 735	18	9.618 274	21	0.381 726	9.965 461	3	451	
		19		21			3		
.550	9.583 754		9.618 295		0.381 705	9.965 458		**.450**	
	cos	d	cotg	d	tang	sin	d	**67°**	P.P.

67°.500 — 67°.450

22°.550 — 22°.600

22°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.583 754		9.618 295		0.381 705	9.965 458		**.450**	
		18		22			3		
551	9.583 772		9.618 317		0.381 683	9.965 455		449	
552	9.583 790	18	9.618 338	21	0.381 662	9.965 452	3	448	
553	9.583 808	18	9.618 360	22	0.381 640	9.965 449	3	447	
		19		21			3		22
554	9.583 827		9.618 381		0.381 619	9.965 446		446	1 2.2
555	9.583 845	18	9.618 402	21	0.381 598	9.965 442	4	445	2 4.4
556	9.583 863	18	9.618 424	22	0.381 576	9.965 439	3	444	3 6.6
		18		21			3		4 8.8
557	9.583 881		9.618 445		0.381 555	9.965 436		443	5 11.0
558	9.583 900	19	9.618 467	22	0.381 533	9.965 433	3	442	6 13.2
559	9.583 918	18	9.618 488	21	0.381 512	9.965 430	3	441	7 15.4
		18		21			3		8 17.6
.560	9.583 936		9.618 509		0.381 491	9.965 427		**.440**	9 19.8
		18		22			3		
561	9.583 954		9.618 531		0.381 469	9.965 424		439	
562	9.583 972	18	9.618 552	21	0.381 448	9.965 420	4	438	
563	9.583 991	19	9.618 573	21	0.381 427	9.965 417	3	437	
		18		22			3		
564	9.584 009		9.618 595		0.381 405	9.965 414		436	
565	9.584 027	18	9.618 616	21	0.381 384	9.965 411	3	435	
566	9.584 045	18	9.618 638	22	0.381 362	9.965 408	3	434	21
		19		21			3		
567	9.584 064		9.618 659		0.381 341	9.965 405		433	1 2.1
568	9.584 082	18	9.618 680	21	0.381 320	9.965 401	4	432	2 4.2
569	9.584 100	18	9.618 702	22	0.381 298	9.965 398	3	431	3 6.3
		18		21			3		4 8.4
.570	9.584 118		9.618 723		0.381 277	9.965 395		**.430**	5 10.5
		19		22			3		6 12.6
571	9.584 137		9.618 745		0.381 255	9.965 392		429	7 14.7
572	9.584 155	18	9.618 766	21	0.381 234	9.965 389	3	428	8 16.8
573	9.584 173	18	9.618 787	21	0.381 213	9.965 386	3	427	9 18.9
		18		22			3		
574	9.584 191		9.618 809		0.381 191	9.965 383		426	
575	9.584 210	19	9.618 830	21	0.381 170	9.965 379	4	425	
576	9.584 228	18	9.618 852	22	0.381 148	9.965 376	3	424	
		18		21			3		
577	9.584 246		9.618 873		0.381 127	9.965 373		423	19
578	9.584 264	18	9.618 894	21	0.381 106	9.965 370	3	422	
579	9.584 283	19	9.618 916	22	0.381 084	9.965 367	3	421	1 1.9
		18		21			3		2 3.8
.580	9.584 301		9.618 937		0.381 063	9.965 364		**.420**	3 5.7
		18		21			3		4 7.6
581	9.584 319		9.618 958		0.381 042	9.965 361		419	5 9.5
582	9.584 337	18	9.618 980	22	0.381 020	9.965 357	4	418	6 11.4
583	9.584 355	18	9.619 001	21	0.380 999	9.965 354	3	417	7 13.3
		19		22			3		8 15.2
584	9.584 374		9.619 023		0.380 977	9.965 351		416	9 17.1
585	9.584 392	18	9.619 044	21	0.380 956	9.965 348	3	415	
586	9.584 410	18	9.619 065	21	0.380 935	9.965 345	3	414	
		18		22			3		
587	9.584 428		9.619 087		0.380 913	9.965 342		413	
588	9.584 447	19	9.619 108	21	0.380 892	9.965 338	4	412	
589	9.584 465	18	9.619 129	21	0.380 871	9.965 335	3	411	18
		18		22			3		
.590	9.584 483		9.619 151		0.380 849	9.965 332		**.410**	1 1.8
		18		21			3		2 3.6
591	9.584 501		9.619 172		0.380 828	9.965 329		409	3 5.4
592	9.584 519	18	9.619 194	22	0.380 806	9.965 326	3	408	4 7.2
593	9.584 538	19	9.619 215	21	0.380 785	9.965 323	3	407	5 9.0
		18		21			3		6 10.8
594	9.584 556		9.619 236		0.380 764	9.965 320		406	7 12.6
595	9.584 574	18	9.619 258	22	0.380 742	9.965 316	4	405	8 14.4
596	9.584 592	18	9.619 279	21	0.380 721	9.965 313	3	404	9 16.2
		18		21			3		
597	9.584 610		9.619 300		0.380 700	9.965 310		403	
598	9.584 629	19	9.619 322	22	0.380 678	9.965 307	3	402	
599	9.584 647	18	9.619 343	21	0.380 657	9.965 304	3	401	
		18		21			3		
.600	9.584 665		9.619 364		0.380 636	9.965 301		**.400**	
	cos	d	cotg	d	tang	sin	d	**67°**	P.P.

67°.450 — 67°.400

22°.600 — 22°.650

22°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.584 665		9.619 364		0.380 636	9.965 301		**.400**	
		18		22			4		
601	9.584 683		9.619 386		0.380 614	9.965 297		399	
602	9.584 702	19	9.619 407	21	0.380 593	9.965 294	3	398	
603	9.584 720	18	9.619 429	22	0.380 571	9.965 291	3	397	
		18		21			3		22
604	9.584 738		9.619 450		0.380 550	9.965 288		396	1 2.2
605	9.584 756	18	9.619 471	21	0.380 529	9.965 285	3	395	2 4.4
606	9.584 774	18	9.619 493	22	0.380 507	9.965 282	3	394	3 6.6
		19		21			3		4 8.8
607	9.584 793		9.619 514		0.380 486	9.965 279		393	5 11.0
608	9.584 811	18	9.619 535	21	0.380 465	9.965 275	4	392	6 13.2
609	9.584 829	18	9.619 557	22	0.380 443	9.965 272	3	391	7 15.4
		18		21			3		8 17.6
.610	9.584 847		9.619 578		0.380 422	9.965 269		**.390**	9 19.8
		18		21			3		
611	9.584 865		9.619 599		0.380 401	9.965 266		389	
612	9.584 884	19	9.619 621	22	0.380 379	9.965 263	3	388	
613	9.584 902	18	9.619 642	21	0.380 358	9.965 260	3	387	
		18		22			4		
614	9.584 920		9.619 664		0.380 336	9.965 256		386	
615	9.584 938	18	9.619 685	21	0.380 315	9.965 253	3	385	21
616	9.584 956	18	9.619 706	21	0.380 294	9.965 250	3	384	
		19		22			3		1 2.1
617	9.584 975		9.619 728		0.380 272	9.965 247		383	2 4.2
618	9.584 993	18	9.619 749	21	0.380 251	9.965 244	3	382	3 6.3
619	9.585 011	18	9.619 770	21	0.380 230	9.965 241	3	381	4 8.4
		18		22			4		5 10.5
.620	9.585 029		9.619 792		0.380 208	9.965 237		**.380**	6 12.6
		18		21			3		7 14.7
621	9.585 047		9.619 813		0.380 187	9.965 234		379	8 16.8
622	9.585 065	18	9.619 834	21	0.380 166	9.965 231	3	378	9 18.9
623	9.585 084	19	9.619 856	22	0.380 144	9.965 228	3	377	
		18		21			3		
624	9.585 102		9.619 877		0.380 123	9.965 225		376	
625	9.585 120	18	9.619 898	21	0.380 102	9.965 222	3	375	
626	9.585 138	18	9.619 920	22	0.380 080	9.965 219	3	374	
		18		21			4		
627	9.585 156		9.619 941		0.380 059	9.965 215		373	19
628	9.585 175	19	9.619 962	21	0.380 038	9.965 212	3	372	
629	9.585 193	18	9.619 984	22	0.380 016	9.965 209	3	371	1 1.9
		18		21			3		2 3.8
.630	9.585 211		9.620 005		0.379 995	9.965 206		**.370**	3 5.7
		18		21			3		4 7.6
631	9.585 229		9.620 026		0.379 974	9.965 203		369	5 9.5
632	9.585 247	18	9.620 048	22	0.379 952	9.965 200	3	368	6 11.4
633	9.585 266	19	9.620 069	21	0.379 931	9.965 196	4	367	7 13.3
		18		21			3		8 15.2
634	9.585 284		9.620 090		0.379 910	9.965 193		366	9 17.1
635	9.585 302	18	9.620 112	22	0.379 888	9.965 190	3	365	
636	9.585 320	18	9.620 133	21	0.379 867	9.965 187	3	364	
		18		21			3		
637	9.585 338		9.620 154		0.379 846	9.965 184		363	
638	9.585 356	18	9.620 176	22	0.379 824	9.965 181	3	362	
639	9.585 375	19	9.620 197	21	0.379 803	9.965 177	4	361	18
		18		21			3		
.640	9.585 393		9.620 218		0.379 782	9.965 174		**.360**	1 1.8
		18		22			3		2 3.6
641	9.585 411		9.620 240		0.379 760	9.965 171		359	3 5.4
642	9.585 429	18	9.620 261	21	0.379 739	9.965 168	3	358	4 7.2
643	9.585 447	18	9.620 282	21	0.379 718	9.965 165	3	357	5 9.0
		18		22			3		6 10.8
644	9.585 465		9.620 304		0.379 696	9.965 162		356	7 12.6
645	9.585 484	19	9.620 325	21	0.379 675	9.965 158	4	355	8 14.4
646	9.585 502	18	9.620 346	21	0.379 654	9.965 155	3	354	9 16.2
		18		22			3		
647	9.585 520		9.620 368		0.379 632	9.965 152		353	
648	9.585 538	18	9.620 389	21	0.379 611	9.965 149	3	352	
649	9.585 556	18	9.620 410	21	0.379 590	9.965 146	3	351	
		18		22			3		
.650	9.585 574		9.620 432		0.379 568	9.965 143		**.350**	
	cos	d	cotg	d	tang	sin	d	**67°**	P.P.

67°.400 — 67°.350

22°.650 — 22°.700

22°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.585 574		9.620 432		0.379 568	9.965 143		.350	
		19		21			4		
651	9.585 593		9.620 453		0.379 547	9.965 139		349	
652	9.585 611	18	9.620 474	21	0.379 526	9.965 136	3	348	
653	9.585 629	18	9.620 496	22	0.379 504	9.965 133	3	347	
		18		21			3		
654	9.585 647		9.620 517		0.379 483	9.965 130		346	
655	9.585 665	18	9.620 538	21	0.379 462	9.965 127	3	345	
656	9.585 683	18	9.620 560	22	0.379 440	9.965 124	3	344	
		19		21			3		
657	9.585 702		9.620 581		0.379 419	9.965 121		343	
658	9.585 720	18	9.620 602	21	0.379 398	9.965 117	4	342	
659	9.585 738	18	9.620 624	22	0.379 376	9.965 114	3	341	
		18		21			3		
.660	9.585 756		9.620 645		0.379 355	9.965 111		.340	
		18		21			3		
661	9.585 774		9.620 666		0.379 334	9.965 108		339	
662	9.585 792	18	9.620 688	22	0.379 312	9.965 105	3	338	
663	9.585 811	19	9.620 709	21	0.379 291	9.965 102	3	337	
		18		21			4		
664	9.585 829		9.620 730		0.379 270	9.965 098		336	
665	9.585 847	18	9.620 752	22	0.379 248	9.965 095	3	335	
666	9.585 865	18	9.620 773	21	0.379 227	9.965 092	3	334	
		18		21			3		
667	9.585 883		9.620 794		0.379 206	9.965 089		333	
668	9.585 901	18	9.620 816	22	0.379 184	9.965 086	3	332	
669	9.585 919	18	9.620 837	21	0.379 163	9.965 083	3	331	
		19		21			4		
.670	9.585 938		9.620 858		0.379 142	9.965 079		.330	
		18		22			3		
671	9.585 956		9.620 880		0.379 120	9.965 076		329	
672	9.585 974	18	9.620 901	21	0.379 099	9.965 073	3	328	
673	9.585 992	18	9.620 922	21	0.379 078	9.965 070	3	327	
		18		21			3		
674	9.586 010		9.620 943		0.379 057	9.965 067		326	
675	9.586 028	18	9.620 965	22	0.379 035	9.965 064	3	325	
676	9.586 046	18	9.620 986	21	0.379 014	9.965 060	4	324	
		19		21			3		
677	9.586 065		9.621 007		0.378 993	9.965 057		323	
678	9.586 083	18	9.621 029	22	0.378 971	9.965 054	3	322	
679	9.586 101	18	9.621 050	21	0.378 950	9.965 051	3	321	
		18		21			3		
.680	9.586 119		9.621 071		0.378 929	9.965 048		.320	
		18		22			3		
681	9.586 137		9.621 093		0.378 907	9.965 045		319	
682	9.586 155	18	9.621 114	21	0.378 886	9.965 041	4	318	
683	9.586 173	18	9.621 135	21	0.378 865	9.965 038	3	317	
		19		22			3		
684	9.586 192		9.621 157		0.378 843	9.965 035		316	
685	9.586 210	18	9.621 178	21	0.378 822	9.965 032	3	315	
686	9.586 228	18	9.621 199	21	0.378 801	9.965 029	3	314	
		18		21			3		
687	9.586 246		9.621 220		0.378 780	9.965 026		313	
688	9.586 264	18	9.621 242	22	0.378 758	9.965 022	4	312	
689	9.586 282	18	9.621 263	21	0.378 737	9.965 019	3	311	
		18		21			3		
.690	9.586 300		9.621 284		0.378 716	9.965 016		.310	
		18		22			3		
691	9.586 318		9.621 306		0.378 694	9.965 013		309	
692	9.586 337	19	9.621 327	21	0.378 673	9.965 010	3	308	
693	9.586 355	18	9.621 348	21	0.378 652	9.965 006	4	307	
		18		22			3		
694	9.586 373		9.621 370		0.378 630	9.965 003		306	
695	9.586 391	18	9.621 391	21	0.378 609	9.965 000	3	305	
696	9.586 409	18	9.621 412	21	0.378 588	9.964 997	3	304	
		18		21			3		
697	9.586 427		9.621 433		0.378 567	9.964 994		303	
698	9.586 445	18	9.621 455	22	0.378 545	9.964 991	3	302	
699	9.586 463	18	9.621 476	21	0.378 524	9.964 987	4	301	
		19		21			3		
.700	9.586 482		9.621 497		0.378 503	9.964 984		.300	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

67°.350 — 67°.300

22°.700 — 22°.750

22°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.586 482	18	9.621 497	22	0.378 503	9.964 984	3	.300	
701	9.586 500	18	9.621 519	21	0.378 481	9.964 981	3	299	
702	9.586 518	18	9.621 540	21	0.378 460	9.964 978	3	298	
703	9.586 536	18	9.621 561	21	0.378 439	9.964 975	3	297	
704	9.586 554	18	9.621 582	22	0.378 418	9.964 972	4	296	22
705	9.586 572	18	9.621 604	21	0.378 396	9.964 968	3	295	1 2.2
706	9.586 590	18	9.621 625	21	0.378 375	9.964 965	3	294	2 4.4
707	9.586 608	19	9.621 646	22	0.378 354	9.964 962	3	293	3 6.6
708	9.586 627	18	9.621 668	21	0.378 332	9.964 959	3	292	4 8.8
709	9.586 645	18	9.621 689	21	0.378 311	9.964 956	3	291	5 11.0
.710	9.586 663	18	9.621 710	21	0.378 290	9.964 953	3	.290	6 13.2
711	9.586 681	18	9.621 731	22	0.378 269	9.964 949	4	289	7 15.4
712	9.586 699	18	9.621 753	21	0.378 247	9.964 946	3	288	8 17.6
713	9.586 717	18	9.621 774	21	0.378 226	9.964 943	3	287	9 19.8
714	9.586 735	18	9.621 795	22	0.378 205	9.964 940	3	286	
715	9.586 753	18	9.621 817	21	0.378 183	9.964 937	3	285	
716	9.586 771	18	9.621 838	21	0.378 162	9.964 934	3	284	21
717	9.586 789	19	9.621 859	21	0.378 141	9.964 930	4	283	1 2.1
718	9.586 808	18	9.621 880	22	0.378 120	9.964 927	3	282	2 4.2
719	9.586 826	18	9.621 902	21	0.378 098	9.964 924	3	281	3 6.3
.720	9.586 844	18	9.621 923	21	0.378 077	9.964 921	3	.280	4 8.4
721	9.586 862	18	9.621 944	21	0.378 056	9.964 918	3	279	5 10.5
722	9.586 880	18	9.621 965	22	0.378 035	9.964 915	3	278	6 12.6
723	9.586 898	18	9.621 987	21	0.378 013	9.964 911	4	277	7 14.7
724	9.586 916	18	9.622 008	21	0.377 992	9.964 908	3	276	8 16.8
725	9.586 934	18	9.622 029	22	0.377 971	9.964 905	3	275	9 18.9
726	9.586 952	19	9.622 051	21	0.377 949	9.964 902	3	274	
727	9.586 971	18	9.622 072	21	0.377 928	9.964 899	3	273	
728	9.586 989	18	9.622 093	21	0.377 907	9.964 895	4	272	19
729	9.587 007	18	9.622 114	22	0.377 886	9.964 892	3	271	1 1.9
.730	9.587 025	18	9.622 136	21	0.377 864	9.964 889	3	.270	2 3.8
731	9.587 043	18	9.622 157	21	0.377 843	9.964 886	3	269	3 5.7
732	9.587 061	18	9.622 178	21	0.377 822	9.964 883	3	268	4 7.6
733	9.587 079	18	9.622 199	22	0.377 801	9.964 880	3	267	5 9.5
734	9.587 097	18	9.622 221	21	0.377 779	9.964 876	4	266	6 11.4
735	9.587 115	18	9.622 242	21	0.377 758	9.964 873	3	265	7 13.3
736	9.587 133	18	9.622 263	22	0.377 737	9.964 870	3	264	8 15.2
737	9.587 151	19	9.622 285	21	0.377 715	9.964 867	3	263	9 17.1
738	9.587 170	18	9.622 306	21	0.377 694	9.964 864	3	262	
739	9.587 188	18	9.622 327	21	0.377 673	9.964 861	3	261	
.740	9.587 206	18	9.622 348	22	0.377 652	9.964 857	4	.260	18
741	9.587 224	18	9.622 370	21	0.377 630	9.964 854	3	259	1 1.8
742	9.587 242	18	9.622 391	21	0.377 609	9.964 851	3	258	2 3.6
743	9.587 260	18	9.622 412	21	0.377 588	9.964 848	3	257	3 5.4
744	9.587 278	18	9.622 433	22	0.377 567	9.964 845	3	256	4 7.2
745	9.587 296	18	9.622 455	21	0.377 545	9.964 841	4	255	5 9.0
746	9.587 314	18	9.622 476	21	0.377 524	9.964 838	3	254	6 10.8
747	9.587 332	18	9.622 497	21	0.377 503	9.964 835	3	253	7 12.6
748	9.587 350	18	9.622 518	22	0.377 482	9.964 832	3	252	8 14.4
749	9.587 368	18	9.622 540	21	0.377 460	9.964 829	3	251	9 16.2
.750	9.587 386		9.622 561		0.377 439	9.964 826		.250	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.300 — 67°.250

22°.750 — 22°.800

22°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.587 386	19	9.622 561	21	0.377 439	9.964 826	4	.250	
751	9.587 405	18	9.622 582	21	0.377 418	9.964 822	3	249	
752	9.587 423	18	9.622 603	22	0.377 397	9.964 819	3	248	
753	9.587 441	18	9.622 625	21	0.377 375	9.964 816	3	247	
754	9.587 459	18	9.622 646	21	0.377 354	9.964 813	3	246	22
755	9.587 477	18	9.622 667	21	0.377 333	9.964 810	3	245	1 2.2
756	9.587 495	18	9.622 688	22	0.377 312	9.964 807	4	244	2 4.4
757	9.587 513	18	9.622 710	21	0.377 290	9.964 803	3	243	3 6.6
758	9.587 531	18	9.622 731	21	0.377 269	9.964 800	3	242	4 8.8
759	9.587 549	18	9.622 752	21	0.377 248	9.964 797	3	241	5 11.0
.760	9.587 567	18	9.622 773	22	0.377 227	9.964 794	3	.240	6 13.2
761	9.587 585	18	9.622 795	21	0.377 205	9.964 791	3	239	7 15.4
762	9.587 603	18	9.622 816	21	0.377 184	9.964 787	4	238	8 17.6
763	9.587 621	18	9.622 837	21	0.377 163	9.964 784	3	237	9 19.8
764	9.587 639	18	9.622 858	22	0.377 142	9.964 781	3	236	
765	9.587 658	19	9.622 880	21	0.377 120	9.964 778	3	235	
766	9.587 676	18	9.622 901	21	0.377 099	9.964 775	3	234	21
767	9.587 694	18	9.622 922	21	0.377 078	9.964 772	3	233	1 2.1
768	9.587 712	18	9.622 943	22	0.377 057	9.964 768	4	232	2 4.2
769	9.587 730	18	9.622 965	21	0.377 035	9.964 765	3	231	3 6.3
.770	9.587 748	18	9.622 986	21	0.377 014	9.964 762	3	.230	4 8.4
771	9.587 766	18	9.623 007	21	0.376 993	9.964 759	3	229	5 10.5
772	9.587 784	18	9.623 028	22	0.376 972	9.964 756	3	228	6 12.6
773	9.587 802	18	9.623 050	21	0.376 950	9.964 752	4	227	7 14.7
774	9.587 820	18	9.623 071	21	0.376 929	9.964 749	3	226	8 16.8
775	9.587 838	18	9.623 092	21	0.376 908	9.964 746	3	225	9 18.9
776	9.587 856	18	9.623 113	21	0.376 887	9.964 743	3	224	
777	9.587 874	18	9.623 135	22	0.376 865	9.964 740	3	223	
778	9.587 892	18	9.623 156	21	0.376 844	9.964 737	3	222	19
779	9.587 910	18	9.623 177	21	0.376 823	9.964 733	4	221	1 1.9
.780	9.587 928	18	9.623 198	21	0.376 802	9.964 730	3	.220	2 3.8
781	9.587 946	18	9.623 219	22	0.376 781	9.964 727	3	219	3 5.7
782	9.587 964	18	9.623 241	21	0.376 759	9.964 724	3	218	4 7.6
783	9.587 983	19	9.623 262	21	0.376 738	9.964 721	3	217	5 9.5
784	9.588 001	18	9.623 283	21	0.376 717	9.964 717	4	216	6 11.4
785	9.588 019	18	9.623 304	22	0.376 696	9.964 714	3	215	7 13.3
786	9.588 037	18	9.623 326	21	0.376 674	9.964 711	3	214	8 15.2
787	9.588 055	18	9.623 347	21	0.376 653	9.964 708	3	213	9 17.1
788	9.588 073	18	9.623 368	21	0.376 632	9.964 705	3	212	
789	9.588 091	18	9.623 389	22	0.376 611	9.964 701	4	211	
.790	9.588 109	18	9.623 411	21	0.376 589	9.964 698	3	.210	18
791	9.588 127	18	9.623 432	21	0.376 568	9.964 695	3	209	1 1.8
792	9.588 145	18	9.623 453	21	0.376 547	9.964 692	3	208	2 3.6
793	9.588 163	18	9.623 474	21	0.376 526	9.964 689	3	207	3 5.4
794	9.588 181	18	9.623 495	22	0.376 505	9.964 686	3	206	4 7.2
795	9.588 199	18	9.623 517	21	0.376 483	9.964 682	4	205	5 9.0
796	9.588 217	18	9.623 538	21	0.376 462	9.964 679	3	204	6 10.8
797	9.588 235	18	9.623 559	21	0.376 441	9.964 676	3	203	7 12.6
798	9.588 253	18	9.623 580	22	0.376 420	9.964 673	3	202	8 14.4
799	9.588 271	18	9.623 602	21	0.376 398	9.964 670	4	201	9 16.2
.800	9.588 289		9.623 623		0.376 377	9.964 666		.200	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.250 — 67°.200

22°.800 — 22°.850

22°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.588 289		9.623 623		0.376 377	9.964 666		.200	
		18		21			3		
801	9.588 307		9.623 644		0.376 356	9.964 663		199	
802	9.588 325	18	9.623 665	21	0.376 335	9.964 660	3	198	
803	9.588 343	18	9.623 686	21	0.376 314	9.964 657	3	197	
		18		22			3		22
804	9.588 361		9.623 708		0.376 292	9.964 654		196	1 2.2
805	9.588 379	18	9.623 729	21	0.376 271	9.964 651	3	195	2 4.4
806	9.588 397	18	9.623 750	21	0.376 250	9.964 647	4	194	3 6.6
		18		21			3		4 8.8
807	9.588 415		9.623 771		0.376 229	9.964 644		193	5 11.0
808	9.588 433	18	9.623 792	21	0.376 208	9.964 641	3	192	6 13.2
809	9.588 451	18	9.623 814	22	0.376 186	9.964 638	3	191	7 15.4
		18		21			3		8 17.6
.810	9.588 469		9.623 835		0.376 165	9.964 635		.190	9 19.8
		18		21			4		
811	9.588 487		9.623 856		0.376 144	9.964 631		189	
812	9.588 505	18	9.623 877	21	0.376 123	9.964 628	3	188	
813	9.588 524	19	9.623 898	21	0.376 102	9.964 625	3	187	
		18		22			3		
814	9.588 542		9.623 920		0.376 080	9.964 622		186	
815	9.588 560	18	9.623 941	21	0.376 059	9.964 619	3	185	21
816	9.588 578	18	9.623 962	21	0.376 038	9.964 615	4	184	
		18		21			3		1 2.1
817	9.588 596		9.623 983		0.376 017	9.964 612		183	2 4.2
818	9.588 614	18	9.624 005	22	0.375 995	9.964 609	3	182	3 6.3
819	9.588 632	18	9.624 026	21	0.375 974	9.964 606	3	181	4 8.4
		18		21			3		5 10.5
.820	9.588 650		9.624 047		0.375 953	9.964 603		.180	6 12.6
		18		21			3		7 14.7
821	9.588 668		9.624 068		0.375 932	9.964 600		179	8 16.8
822	9.588 686	18	9.624 089	21	0.375 911	9.964 596	4	178	9 18.9
823	9.588 704	18	9.624 111	22	0.375 889	9.964 593	3	177	
		18		21			3		
824	9.588 722		9.624 132		0.375 868	9.964 590		176	
825	9.588 740	18	9.624 153	21	0.375 847	9.964 587	3	175	
826	9.588 758	18	9.624 174	21	0.375 826	9.964 584	3	174	
		18		21			4		19
827	9.588 776		9.624 195		0.375 805	9.964 580		173	
828	9.588 794	18	9.624 217	22	0.375 783	9.964 577	3	172	1 1.9
829	9.588 812	18	9.624 238	21	0.375 762	9.964 574	3	171	2 3.8
		18		21			3		3 5.7
.830	9.588 830		9.624 259		0.375 741	9.964 571		.170	4 7.6
		18		21			3		5 9.5
831	9.588 848		9.624 280		0.375 720	9.964 568		169	6 11.4
832	9.588 866	18	9.624 301	21	0.375 699	9.964 564	4	168	7 13.3
833	9.588 884	18	9.624 323	22	0.375 677	9.964 561	3	167	8 15.2
		18		21			3		9 17.1
834	9.588 902		9.624 344		0.375 656	9.964 558		166	
835	9.588 920	18	9.624 365	21	0.375 635	9.964 555	3	165	
836	9.588 938	18	9.624 386	21	0.375 614	9.964 552	3	164	
		18		21			4		
837	9.588 956		9.624 407		0.375 593	9.964 548		163	
838	9.588 974	18	9.624 428	21	0.375 572	9.964 545	3	162	
839	9.588 992	18	9.624 450	22	0.375 550	9.964 542	3	161	18
		18		21			3		
.840	9.589 010		9.624 471		0.375 529	9.964 539		.160	1 1.8
		18		21			3		2 3.6
841	9.589 028		9.624 492		0.375 508	9.964 536		159	3 5.4
842	9.589 046	18	9.624 513	21	0.375 487	9.964 532	4	158	4 7.2
843	9.589 064	18	9.624 534	21	0.375 466	9.964 529	3	157	5 9.0
		18		22			3		6 10.8
844	9.589 082		9.624 556		0.375 444	9.964 526		156	7 12.6
845	9.589 100	18	9.624 577	21	0.375 423	9.964 523	3	155	8 14.4
846	9.589 118	18	9.624 598	21	0.375 402	9.964 520	3	154	9 16.2
		18		21			3		
847	9.589 136		9.624 619		0.375 381	9.964 517		153	
848	9.589 154	18	9.624 640	21	0.375 360	9.964 513	4	152	
849	9.589 172	18	9.624 662	22	0.375 338	9.964 510	3	151	
		18		21			3		
.850	9.589 190		9.624 683		0.375 317	9.964 507		.150	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.200 — 67°.150

22°.850 — 22°.900

22°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.589 190		9.624 683		0.375 317	9.964 507		**.150**	
		18		21			3		
851	9.589 208		9.624 704		0.375 296	9.964 504		149	
852	9.589 226	18	9.624 725	21	0.375 275	9.964 501	3	148	
853	9.589 244	18	9.624 746	21	0.375 254	9.964 497	4	147	
		18		21			3		22
854	9.589 262		9.624 767		0.375 233	9.964 494		146	1 2.2
855	9.589 280	18	9.624 789	22	0.375 211	9.964 491	3	145	2 4.4
856	9.589 298	18	9.624 810	21	0.375 190	9.964 488	3	144	3 6.6
		18		21			3		4 8.8
857	9.589 316		9.624 831		0.375 169	9.964 485		143	5 11.0
858	9.589 334	18	9.624 852	21	0.375 148	9.964 481	4	142	6 13.2
859	9.589 352	18	9.624 873	21	0.375 127	9.964 478	3	141	7 15.4
		17		22			3		8 17.6
.860	9.589 369		9.624 895		0.375 105	9.964 475		**.140**	9 19.8
		18		21			3		
861	9.589 387		9.624 916		0.375 084	9.964 472		139	
862	9.589 405	18	9.624 937	21	0.375 063	9.964 469	3	138	
863	9.589 423	18	9.624 958	21	0.375 042	9.964 465	4	137	
		18		21			3		
864	9.589 441		9.624 979		0.375 021	9.964 462		136	
865	9.589 459	18	9.625 000	21	0.375 000	9.964 459	3	135	21
866	9.589 477	18	9.625 022	22	0.374 978	9.964 456	3	134	
		18		21			3		1 2.1
867	9.589 495		9.625 043		0.374 957	9.964 453		133	2 4.2
868	9.589 513	18	9.625 064	21	0.374 936	9.964 449	4	132	3 6.3
869	9.589 531	18	9.625 085	21	0.374 915	9.964 446	3	131	4 8.4
		18		21			3		5 10.5
.870	9.589 549		9.625 106		0.374 894	9.964 443		**.130**	6 12.6
		18		21			3		7 14.7
871	9.589 567		9.625 127		0.374 873	9.964 440		129	8 16.8
872	9.589 585	18	9.625 149	22	0.374 851	9.964 437	3	128	9 18.9
873	9.589 603	18	9.625 170	21	0.374 830	9.964 433	4	127	
		18		21			3		
874	9.589 621		9.625 191		0.374 809	9.964 430		126	
875	9.589 639	18	9.625 212	21	0.374 788	9.964 427	3	125	
876	9.589 657	18	9.625 233	21	0.374 767	9.964 424	3	124	
		18		21			3		
877	9.589 675		9.625 254		0.374 746	9.964 421		123	18
878	9.589 693	18	9.625 276	22	0.374 724	9.964 417	4	122	
879	9.589 711	18	9.625 297	21	0.374 703	9.964 414	3	121	1 1.8
		18		21			3		2 3.6
.880	9.589 729		9.625 318		0.374 682	9.964 411		**.120**	3 5.4
		18		21			3		4 7.2
881	9.589 747		9.625 339		0.374 661	9.964 408		119	5 9.0
882	9.589 765	18	9.625 360	21	0.374 640	9.964 405	3	118	6 10.8
883	9.589 783	18	9.625 381	21	0.374 619	9.964 401	4	117	7 12.6
		18		21			3		8 14.4
884	9.589 801		9.625 402		0.374 598	9.964 398		116	9 16.2
885	9.589 819	18	9.625 424	22	0.374 576	9.964 395	3	115	
886	9.589 837	18	9.625 445	21	0.374 555	9.964 392	3	114	
		18		21			3		
887	9.589 855		9.625 466		0.374 534	9.964 389		113	
888	9.589 873	18	9.625 487	21	0.374 513	9.964 385	4	112	
889	9.589 891	18	9.625 508	21	0.374 492	9.964 382	3	111	17
		17		21			3		
.890	9.589 908		9.625 529		0.374 471	9.964 379		**.110**	1 1.7
		18		22			3		2 3.4
891	9.589 926		9.625 551		0.374 449	9.964 376		109	3 5.1
892	9.589 944	18	9.625 572	21	0.374 428	9.964 373	3	108	4 6.8
893	9.589 962	18	9.625 593	21	0.374 407	9.964 369	4	107	5 8.5
		18		21			3		6 10.2
894	9.589 980		9.625 614		0.374 386	9.964 366		106	7 11.9
895	9.589 998	18	9.625 635	21	0.374 365	9.964 363	3	105	8 13.6
896	9.590 016	18	9.625 656	21	0.374 344	9.964 360	3	104	9 15.3
		18		21			3		
897	9.590 034		9.625 677		0.374 323	9.964 357		103	
898	9.590 052	18	9.625 699	22	0.374 301	9.964 353	4	102	
899	9.590 070	18	9.625 720	21	0.374 280	9.964 350	3	101	
		18		21			3		
.900	9.590 088		9.625 741		0.374 259	9.964 347		**.100**	
	cos	d	cotg	d	tang	sin	d	**67°**	P.P.

67°.150 — 67°.100

22°.900 — 22°.950

22°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.590 088	18	9.625 741	21	0.374 259	9.964 347	3	.100	
901	9.590 106	18	9.625 762	21	0.374 238	9.964 344	3	099	
902	9.590 124	18	9.625 783	21	0.374 217	9.964 341	4	098	
903	9.590 142	18	9.625 804	21	0.374 196	9.964 337	3	097	
904	9.590 160	18	9.625 825	22	0.374 175	9.964 334	3	096	
905	9.590 178	18	9.625 847	21	0.374 153	9.964 331	3	095	
906	9.590 196	18	9.625 868	21	0.374 132	9.964 328	3	094	
907	9.590 214	17	9.625 889	21	0.374 111	9.964 325	4	093	
908	9.590 231	18	9.625 910	21	0.374 090	9.964 321	3	092	
909	9.590 249	18	9.625 931	21	0.374 069	9.964 318	3	091	
.910	9.590 267	18	9.625 952	21	0.374 048	9.964 315	3	.090	
911	9.590 285	18	9.625 973	22	0.374 027	9.964 312	3	089	
912	9.590 303	18	9.625 995	21	0.374 005	9.964 309	3	088	
913	9.590 321	18	9.626 016	21	0.373 984	9.964 305	4	087	
914	9.590 339	18	9.626 037	21	0.373 963	9.964 302	3	086	
915	9.590 357	18	9.626 058	21	0.373 942	9.964 299	3	085	
916	9.590 375	18	9.626 079	21	0.373 921	9.964 296	3	084	
917	9.590 393	18	9.626 100	21	0.373 900	9.964 293	3	083	
918	9.590 411	18	9.626 121	22	0.373 879	9.964 289	4	082	
919	9.590 429	18	9.626 143	21	0.373 857	9.964 286	3	081	
.920	9.590 447	18	9.626 164	21	0.373 836	9.964 283	3	.080	
921	9.590 465	18	9.626 185	21	0.373 815	9.964 280	3	079	
922	9.590 483	18	9.626 206	21	0.373 794	9.964 277	3	078	
923	9.590 500	17	9.626 227	21	0.373 773	9.964 273	4	077	
924	9.590 518	18	9.626 248	21	0.373 752	9.964 270	3	076	
925	9.590 536	18	9.626 269	21	0.373 731	9.964 267	3	075	
926	9.590 554	18	9.626 290	21	0.373 710	9.964 264	3	074	
927	9.590 572	18	9.626 312	22	0.373 688	9.964 261	3	073	
928	9.590 590	18	9.626 333	21	0.373 667	9.964 257	4	072	
929	9.590 608	18	9.626 354	21	0.373 646	9.964 254	3	071	
.930	9.590 626	18	9.626 375	21	0.373 625	9.964 251	3	.070	
931	9.590 644	18	9.626 396	21	0.373 604	9.964 248	3	069	
932	9.590 662	18	9.626 417	21	0.373 583	9.964 245	3	068	
933	9.590 680	18	9.626 438	21	0.373 562	9.964 241	4	067	
934	9.590 698	17	9.626 459	22	0.373 541	9.964 238	3	066	
935	9.590 715	18	9.626 481	21	0.373 519	9.964 235	3	065	
936	9.590 733	18	9.626 502	21	0.373 498	9.964 232	3	064	
937	9.590 751	18	9.626 523	21	0.373 477	9.964 228	4	063	
938	9.590 769	18	9.626 544	21	0.373 456	9.964 225	3	062	
939	9.590 787	18	9.626 565	21	0.373 435	9.964 222	3	061	
.940	9.590 805	18	9.626 586	21	0.373 414	9.964 219	3	.060	
941	9.590 823	18	9.626 607	21	0.373 393	9.964 216	3	059	
942	9.590 841	18	9.626 628	22	0.373 372	9.964 212	4	058	
943	9.590 859	18	9.626 650	21	0.373 350	9.964 209	3	057	
944	9.590 877	18	9.626 671	21	0.373 329	9.964 206	3	056	
945	9.590 895	17	9.626 692	21	0.373 308	9.964 203	3	055	
946	9.590 912	18	9.626 713	21	0.373 287	9.964 200	4	054	
947	9.590 930	18	9.626 734	21	0.373 266	9.964 196	3	053	
948	9.590 948	18	9.626 755	21	0.373 245	9.964 193	3	052	
949	9.590 966	18	9.626 776	21	0.373 224	9.964 190	3	051	
.950	9.590 984		9.626 797		0.373 203	9.964 187		.050	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

67°.100 — 67°.050

22°.950 — 23°.000

22°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.590 984	18	9.626 797	21	0.373 203	9.964 187	3	.050	
951	9.591 002	18	9.626 818	22	0.373 182	9.964 184	4	049	
952	9.591 020	18	9.626 840	21	0.373 160	9.964 180	3	048	
953	9.591 038	18	9.626 861	21	0.373 139	9.964 177	3	047	
954	9.591 056	18	9.626 882	21	0.373 118	9.964 174	3	046	22
955	9.591 074	17	9.626 903	21	0.373 097	9.964 171	3	045	1 2.2
956	9.591 091	18	9.626 924	21	0.373 076	9.964 167	4	044	2 4.4
957	9.591 109	18	9.626 945	21	0.373 055	9.964 164	3	043	3 6.6
958	9.591 127	18	9.626 966	21	0.373 034	9.964 161	3	042	4 8.8
959	9.591 145	18	9.626 987	21	0.373 013	9.964 158	3	041	5 11.0
.960	9.591 163	18	9.627 008	21	0.372 992	9.964 155	3	.040	6 13.2
961	9.591 181	18	9.627 029	21	0.372 971	9.964 151	4	039	7 15.4
962	9.591 199	18	9.627 051	22	0.372 949	9.964 148	3	038	8 17.6
963	9.591 217	18	9.627 072	21	0.372 928	9.964 145	3	037	9 19.8
964	9.591 235	18	9.627 093	21	0.372 907	9.964 142	3	036	
965	9.591 252	17	9.627 114	21	0.372 886	9.964 139	3	035	
966	9.591 270	18	9.627 135	21	0.372 865	9.964 135	4	034	21
967	9.591 288	18	9.627 156	21	0.372 844	9.964 132	3	033	1 2.1
968	9.591 306	18	9.627 177	21	0.372 823	9.964 129	3	032	2 4.2
969	9.591 324	18	9.627 198	21	0.372 802	9.964 126	3	031	3 6.3
.970	9.591 342	18	9.627 219	21	0.372 781	9.964 123	3	.030	4 8.4
971	9.591 360	18	9.627 240	21	0.372 760	9.964 119	4	029	5 10.5
972	9.591 378	18	9.627 262	22	0.372 738	9.964 116	3	028	6 12.6
973	9.591 396	18	9.627 283	21	0.372 717	9.964 113	3	027	7 14.7
974	9.591 413	17	9.627 304	21	0.372 696	9.964 110	3	026	8 16.8
975	9.591 431	18	9.627 325	21	0.372 675	9.964 106	4	025	9 18.9
976	9.591 449	18	9.627 346	21	0.372 654	9.964 103	3	024	
977	9.591 467	18	9.627 367	21	0.372 633	9.964 100	3	023	
978	9.591 485	18	9.627 388	21	0.372 612	9.964 097	3	022	18
979	9.591 503	18	9.627 409	21	0.372 591	9.964 094	3	021	1 1.8
.980	9.591 521	18	9.627 430	21	0.372 570	9.964 090	4	.020	2 3.6
981	9.591 539	17	9.627 451	21	0.372 549	9.964 087	3	019	3 5.4
982	9.591 556	18	9.627 472	22	0.372 528	9.964 084	3	018	4 7.2
983	9.591 574	18	9.627 494	21	0.372 506	9.964 081	3	017	5 9.0
984	9.591 592	18	9.627 515	21	0.372 485	9.964 078	3	016	6 10.8
985	9.591 610	18	9.627 536	21	0.372 464	9.964 074	4	015	7 12.6
986	9.591 628	18	9.627 557	21	0.372 443	9.964 071	3	014	8 14.4
987	9.591 646	18	9.627 578	21	0.372 422	9.964 068	3	013	9 16.2
988	9.591 664	18	9.627 599	21	0.372 401	9.964 065	3	012	
989	9.591 682	18	9.627 620	21	0.372 380	9.964 061	4	011	
.990	9.591 699	17	9.627 641	21	0.372 359	9.964 058	3	.010	17
991	9.591 717	18	9.627 662	21	0.372 338	9.964 055	3	009	1 1.7
992	9.591 735	18	9.627 683	21	0.372 317	9.964 052	3	008	2 3.4
993	9.591 753	18	9.627 704	21	0.372 296	9.964 049	3	007	3 5.1
994	9.591 771	18	9.627 725	22	0.372 275	9.964 045	4	006	4 6.8
995	9.591 789	18	9.627 747	21	0.372 253	9.964 042	3	005	5 8.5
996	9.591 807	18	9.627 768	21	0.372 232	9.964 039	3	004	6 10.2
997	9.591 824	17	9.627 789	21	0.372 211	9.964 036	3	003	7 11.9
998	9.591 842	18	9.627 810	21	0.372 190	9.964 033	3	002	8 13.6
999	9.591 860	18	9.627 831	21	0.372 169	9.964 029	4	001	9 15.3
*000	9.591 878	18	9.627 852	21	0.372 148	9.964 026	3	.000	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.050 — 67°.000

23°.000 — 23°.050

23°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.591 878	18	9.627 852	21	0.372 148	9.964 026	3	***000**	
001	9.591 896	18	9.627 873	21	0.372 127	9.964 023	3	999	
002	9.591 914	18	9.627 894	21	0.372 106	9.964 020	4	998	
003	9.591 932	17	9.627 915	21	0.372 085	9.964 016	3	997	
004	9.591 949	18	9.627 936	21	0.372 064	9.964 013	3	996	
005	9.591 967	18	9.627 957	21	0.372 043	9.964 010	3	995	
006	9.591 985	18	9.627 978	21	0.372 022	9.964 007	3	994	
007	9.592 003	18	9.627 999	22	0.372 001	9.964 004	4	993	
008	9.592 021	18	9.628 021	21	0.371 979	9.964 000	3	992	
009	9.592 039	18	9.628 042	21	0.371 958	9.963 997	3	991	
.010	9.592 057	17	9.628 063	21	0.371 937	9.963 994	3	**.990**	
011	9.592 074	18	9.628 084	21	0.371 916	9.963 991	3	989	
012	9.592 092	18	9.628 105	21	0.371 895	9.963 987	4	988	
013	9.592 110	18	9.628 126	21	0.371 874	9.963 984	3	987	
014	9.592 128	18	9.628 147	21	0.371 853	9.963 981	3	986	
015	9.592 146	18	9.628 168	21	0.371 832	9.963 978	3	985	
016	9.592 164	18	9.628 189	21	0.371 811	9.963 975	3	984	
017	9.592 181	17	9.628 210	21	0.371 790	9.963 971	4	983	
018	9.592 199	18	9.628 231	21	0.371 769	9.963 968	3	982	
019	9.592 217	18	9.628 252	21	0.371 748	9.963 965	3	981	
.020	9.592 235	18	9.628 273	21	0.371 727	9.963 962	3	**.980**	
021	9.592 253	18	9.628 294	21	0.371 706	9.963 958	4	979	
022	9.592 271	18	9.628 315	21	0.371 685	9.963 955	3	978	
023	9.592 288	17	9.628 336	22	0.371 664	9.963 952	3	977	
024	9.592 306	18	9.628 358	21	0.371 642	9.963 949	3	976	
025	9.592 324	18	9.628 379	21	0.371 621	9.963 946	3	975	
026	9.592 342	18	9.628 400	21	0.371 600	9.963 942	4	974	
027	9.592 360	18	9.628 421	21	0.371 579	9.963 939	3	973	
028	9.592 378	18	9.628 442	21	0.371 558	9.963 936	3	972	
029	9.592 396	18	9.628 463	21	0.371 537	9.963 933	3	971	
.030	9.592 413	17	9.628 484	21	0.371 516	9.963 929	4	**.970**	
031	9.592 431	18	9.628 505	21	0.371 495	9.963 926	3	969	
032	9.592 449	18	9.628 526	21	0.371 474	9.963 923	3	968	
033	9.592 467	18	9.628 547	21	0.371 453	9.963 920	3	967	
034	9.592 485	17	9.628 568	21	0.371 432	9.963 917	3	966	
035	9.592 502	18	9.628 589	21	0.371 411	9.963 913	4	965	
036	9.592 520	18	9.628 610	21	0.371 390	9.963 910	3	964	
037	9.592 538	18	9.628 631	21	0.371 369	9.963 907	3	963	
038	9.592 556	18	9.628 652	21	0.371 348	9.963 904	3	962	
039	9.592 574	18	9.628 673	21	0.371 327	9.963 900	4	961	
.040	9.592 592	17	9.628 694	21	0.371 306	9.963 897	3	**.960**	
041	9.592 609	18	9.628 715	21	0.371 285	9.963 894	3	959	
042	9.592 627	18	9.628 736	21	0.371 264	9.963 891	3	958	
043	9.592 645	18	9.628 757	22	0.371 243	9.963 888	3	957	
044	9.592 663	18	9.628 779	21	0.371 221	9.963 884	4	956	
045	9.592 681	18	9.628 800	21	0.371 200	9.963 881	3	955	
046	9.592 699	17	9.628 821	21	0.371 179	9.963 878	3	954	
047	9.592 716	18	9.628 842	21	0.371 158	9.963 875	3	953	
048	9.592 734	18	9.628 863	21	0.371 137	9.963 871	4	952	
049	9.592 752	18	9.628 884	21	0.371 116	9.963 868	3	951	
.050	9.592 770		9.628 905		0.371 095	9.963 865	3	**.950**	
	cos	d	cotg	d	tang	sin	d	**66°**	P.P.

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

67°.000 — 66°.950

23°.050 — 23°.100

23°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.592 770		9.628 905		0.371 095	9.963 865		.950	
		18		21			3		
051	9.592 788		9.628 926		0.371 074	9.963 862		949	
052	9.592 805	17	9.628 947	21	0.371 053	9.963 859	3	948	
053	9.592 823	18	9.628 968	21	0.371 032	9.963 855	4	947	
		18		21			3		22
054	9.592 841		9.628 989		0.371 011	9.963 852		946	
055	9.592 859	18	9.629 010	21	0.370 990	9.963 849	3	945	1 2.2
056	9.592 877	18	9.629 031	21	0.370 969	9.963 846	3	944	2 4.4
		17		21			4		3 6.6
057	9.592 894		9.629 052		0.370 948	9.963 842		943	4 8.8
058	9.592 912	18	9.629 073	21	0.370 927	9.963 839	3	942	5 11.0
059	9.592 930	18	9.629 094	21	0.370 906	9.963 836	3	941	6 13.2
		18		21			3		7 15.4
.060	9.592 948		9.629 115		0.370 885	9.963 833		.940	8 17.6
		18		21			3		9 19.8
061	9.592 966		9.629 136		0.370 864	9.963 830		939	
062	9.592 983	17	9.629 157	21	0.370 843	9.963 826	4	938	
063	9.593 001	18	9.629 178	21	0.370 822	9.963 823	3	937	
		18		21			3		
064	9.593 019		9.629 199		0.370 801	9.963 820		936	
065	9.593 037	18	9.629 220	21	0.370 780	9.963 817	3	935	21
066	9.593 055	18	9.629 241	21	0.370 759	9.963 813	4	934	
		17		21			3		1 2.1
067	9.593 072		9.629 262		0.370 738	9.963 810		933	2 4.2
068	9.593 090	18	9.629 283	21	0.370 717	9.963 807	3	932	3 6.3
069	9.593 108	18	9.629 304	21	0.370 696	9.963 804	3	931	4 8.4
		18		21			4		5 10.5
.070	9.593 126		9.629 325		0.370 675	9.963 800		.930	6 12.6
		18		21			3		7 14.7
071	9.593 144		9.629 346		0.370 654	9.963 797		929	8 16.8
072	9.593 161	17	9.629 367	21	0.370 633	9.963 794	3	928	9 18.9
073	9.593 179	18	9.629 388	21	0.370 612	9.963 791	3	927	
		18		22			3		
074	9.593 197		9.629 410		0.370 590	9.963 788		926	
075	9.593 215	18	9.629 431	21	0.370 569	9.963 784	4	925	
076	9.593 233	18	9.629 452	21	0.370 548	9.963 781	3	924	
		17		21			3		18
077	9.593 250		9.629 473		0.370 527	9.963 778		923	
078	9.593 268	18	9.629 494	21	0.370 506	9.963 775	3	922	1 1.8
079	9.593 286	18	9.629 515	21	0.370 485	9.963 771	4	921	2 3.6
		18		21			3		3 5.4
.080	9.593 304		9.629 536		0.370 464	9.963 768		.920	4 7.2
		18		21			3		5 9.0
081	9.593 322		9.629 557		0.370 443	9.963 765		919	6 10.8
082	9.593 339	17	9.629 578	21	0.370 422	9.963 762	3	918	7 12.6
083	9.593 357	18	9.629 599	21	0.370 401	9.963 758	4	917	8 14.4
		18		21			3		9 16.2
084	9.593 375		9.629 620		0.370 380	9.963 755		916	
085	9.593 393	18	9.629 641	21	0.370 359	9.963 752	3	915	
086	9.593 411	18	9.629 662	21	0.370 338	9.963 749	3	914	
		17		21			3		
087	9.593 428		9.629 683		0.370 317	9.963 746		913	
088	9.593 446	18	9.629 704	21	0.370 296	9.963 742	4	912	
089	9.593 464	18	9.629 725	21	0.370 275	9.963 739	3	911	17
		18		21			3		
.090	9.593 482		9.629 746		0.370 254	9.963 736		.910	1 1.7
		17		21			3		2 3.4
091	9.593 499		9.629 767		0.370 233	9.963 733		909	3 5.1
092	9.593 517	18	9.629 788	21	0.370 212	9.963 729	4	908	4 6.8
093	9.593 535	18	9.629 809	21	0.370 191	9.963 726	3	907	5 8.5
		18		21			3		6 10.2
094	9.593 553		9.629 830		0.370 170	9.963 723		906	7 11.9
095	9.593 571	18	9.629 851	21	0.370 149	9.963 720	3	905	8 13.6
096	9.593 588	17	9.629 872	21	0.370 128	9.963 716	4	904	9 15.3
		18		21			3		
097	9.593 606		9.629 893		0.370 107	9.963 713		903	
098	9.593 624	18	9.629 914	21	0.370 086	9.963 710	3	902	
099	9.593 642	18	9.629 935	21	0.370 065	9.963 707	3	901	
		17		21			3		
.100	9.593 659		9.629 956		0.370 044	9.963 704		.900	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.950 — 66°.900

23°.100 — 23°.150

23°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.593 659		9.629 956		0.370 044	9.963 704		.900	
		18		21			4		
101	9.593 677		9.629 977		0.370 023	9.963 700		899	
102	9.593 695	18	9.629 998	21	0.370 002	9.963 697	3	898	
103	9.593 713	18	9.630 019	21	0.369 981	9.963 694	3	897	
		17		21			3		21
104	9.593 730		9.630 040		0.369 960	9.963 691		896	1 2.1
105	9.593 748	18	9.630 061	21	0.369 939	9.963 687	4	895	2 4.2
106	9.593 766	18	9.630 082	21	0.369 918	9.963 684	3	894	3 6.3
		18		21			3		4 8.4
107	9.593 784		9.630 103		0.369 897	9.963 681		893	5 10.5
108	9.593 802	18	9.630 124	21	0.369 876	9.963 678	3	892	6 12.6
109	9.593 819	17	9.630 145	21	0.369 855	9.963 674	4	891	7 14.7
		18		21			3		8 16.8
.110	9.593 837		9.630 166		0.369 834	9.963 671		.890	9 18.9
		18		21			3		
111	9.593 855		9.630 187		0.369 813	9.963 668		889	
112	9.593 873	18	9.630 208	21	0.369 792	9.963 665	3	888	
113	9.593 890	17	9.630 229	21	0.369 771	9.963 662	3	887	
		18		21			4		
114	9.593 908		9.630 250		0.369 750	9.963 658		886	
115	9.593 926	18	9.630 271	21	0.369 729	9.963 655	3	885	
116	9.593 944	18	9.630 292	21	0.369 708	9.963 652	3	884	20
		17		21			3		1 2.0
117	9.593 961		9.630 313		0.369 687	9.963 649		883	2 4.0
118	9.593 979	18	9.630 334	21	0.369 666	9.963 645	4	882	3 6.0
119	9.593 997	18	9.630 355	21	0.369 645	9.963 642	3	881	4 8.0
		18		21			3		5 10.0
.120	9.594 015		9.630 376		0.369 624	9.963 639		.880	6 12.0
		17		21			3		7 14.0
121	9.594 032		9.630 397		0.369 603	9.963 636		879	8 16.0
122	9.594 050	18	9.630 418	21	0.369 582	9.963 632	4	878	9 18.0
123	9.594 068	18	9.630 439	21	0.369 561	9.963 629	3	877	
		18		21			3		
124	9.594 086		9.630 460		0.369 540	9.963 626		876	
125	9.594 103	17	9.630 481	21	0.369 519	9.963 623	3	875	
126	9.594 121	18	9.630 502	21	0.369 498	9.963 619	4	874	
		18		21			3		18
127	9.594 139		9.630 523		0.369 477	9.963 616		873	
128	9.594 157	18	9.630 544	21	0.369 456	9.963 613	3	872	1 1.8
129	9.594 174	17	9.630 565	21	0.369 435	9.963 610	3	871	2 3.6
		18		21			4		3 5.4
.130	9.594 192		9.630 586		0.369 414	9.963 606		.870	4 7.2
		18		21			3		5 9.0
131	9.594 210		9.630 607		0.369 393	9.963 603		869	6 10.8
132	9.594 228	18	9.630 628	21	0.369 372	9.963 600	3	868	7 12.6
133	9.594 245	17	9.630 649	21	0.369 351	9.963 597	3	867	8 14.4
		18		21			3		9 16.2
134	9.594 263		9.630 670		0.369 330	9.963 594		866	
135	9.594 281	18	9.630 691	21	0.369 309	9.963 590	4	865	
136	9.594 299	18	9.630 712	21	0.369 288	9.963 587	3	864	
		17		21			3		
137	9.594 316		9.630 733		0.369 267	9.963 584		863	
138	9.594 334	18	9.630 753	20	0.369 247	9.963 581	3	862	
139	9.594 352	18	9.630 774	21	0.369 226	9.963 577	4	861	17
		18		21			3		
.140	9.594 370		9.630 795		0.369 205	9.963 574		.860	1 1.7
		17		21			3		2 3.4
141	9.594 387		9.630 816		0.369 184	9.963 571		859	3 5.1
142	9.594 405	18	9.630 837	21	0.369 163	9.963 568	3	858	4 6.8
143	9.594 423	18	9.630 858	21	0.369 142	9.963 564	4	857	5 8.5
		17		21			3		6 10.2
144	9.594 440		9.630 879		0.369 121	9.963 561		856	7 11.9
145	9.594 458	18	9.630 900	21	0.369 100	9.963 558	3	855	8 13.6
146	9.594 476	18	9.630 921	21	0.369 079	9.963 555	3	854	9 15.3
		18		21			4		
147	9.594 494		9.630 942		0.369 058	9.963 551		853	
148	9.594 511	17	9.630 963	21	0.369 037	9.963 548	3	852	
149	9.594 529	18	9.630 984	21	0.369 016	9.963 545	3	851	
		18		21			3		
.150	9.594 547		9.631 005		0.368 995	9.963 542		.850	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.900 — 66°.850

23°.150 — 23°.200

23°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.594 547		9.631 005		0.368 995	9.963 542		.850	
		18		21			4		
151	9.594 565		9.631 026		0.368 974	9.963 538		849	
152	9.594 582	17	9.631 047	21	0.368 953	9.963 535	3	848	
153	9.594 600	18	9.631 068	21	0.368 932	9.963 532	3	847	
		18		21			3		
154	9.594 618		9.631 089		0.368 911	9.963 529		846	
155	9.594 635	17	9.631 110	21	0.368 890	9.963 525	4	845	
156	9.594 653	18	9.631 131	21	0.368 869	9.963 522	3	844	
		18		21			3		
157	9.594 671		9.631 152		0.368 848	9.963 519		843	
158	9.594 689	18	9.631 173	21	0.368 827	9.963 516	3	842	
159	9.594 706	17	9.631 194	21	0.368 806	9.963 513	3	841	
		18		21			4		
.160	9.594 724		9.631 215		0.368 785	9.963 509		.840	
		18		21			3		
161	9.594 742		9.631 236		0.368 764	9.963 506		839	
162	9.594 760	18	9.631 257	21	0.368 743	9.963 503	3	838	
163	9.594 777	17	9.631 278	21	0.368 722	9.963 500	3	837	
		18		21			4		
164	9.594 795		9.631 299		0.368 701	9.963 496		836	
165	9.594 813	18	9.631 320	21	0.368 680	9.963 493	3	835	
166	9.594 830	17	9.631 341	21	0.368 659	9.963 490	3	834	
		18		21			3		
167	9.594 848		9.631 362		0.368 638	9.963 487		833	
168	9.594 866	18	9.631 382	20	0.368 618	9.963 483	4	832	
169	9.594 884	18	9.631 403	21	0.368 597	9.963 480	3	831	
		17		21			3		
.170	9.594 901		9.631 424		0.368 576	9.963 477		.830	
		18		21			3		
171	9.594 919		9.631 445		0.368 555	9.963 474		829	
172	9.594 937	18	9.631 466	21	0.368 534	9.963 470	4	828	
173	9.594 954	17	9.631 487	21	0.368 513	9.963 467	3	827	
		18		21			3		
174	9.594 972		9.631 508		0.368 492	9.963 464		826	
175	9.594 990	18	9.631 529	21	0.368 471	9.963 461	3	825	
176	9.595 007	17	9.631 550	21	0.368 450	9.963 457	4	824	
		18		21			3		
177	9.595 025		9.631 571		0.368 429	9.963 454		823	
178	9.595 043	18	9.631 592	21	0.368 408	9.963 451	3	822	
179	9.595 061	18	9.631 613	21	0.368 387	9.963 448	3	821	
		17		21			4		
.180	9.595 078		9.631 634		0.368 366	9.963 444		.820	
		18		21			3		
181	9.595 096		9.631 655		0.368 345	9.963 441		819	
182	9.595 114	18	9.631 676	21	0.368 324	9.963 438	3	818	
183	9.595 131	17	9.631 697	21	0.368 303	9.963 435	3	817	
		18		21			4		
184	9.595 149		9.631 718		0.368 282	9.963 431		816	
185	9.595 167	18	9.631 739	21	0.368 261	9.963 428	3	815	
186	9.595 185	18	9.631 760	21	0.368 240	9.963 425	3	814	
		17		21			3		
187	9.595 202		9.631 781		0.368 219	9.963 422		813	
188	9.595 220	18	9.631 801	20	0.368 199	9.963 418	4	812	
189	9.595 238	18	9.631 822	21	0.368 178	9.963 415	3	811	
		17		21			3		
.190	9.595 255		9.631 843		0.368 157	9.963 412		.810	
		18		21			3		
191	9.595 273		9.631 864		0.368 136	9.963 409		809	
192	9.595 291	18	9.631 885	21	0.368 115	9.963 405	4	808	
193	9.595 308	17	9.631 906	21	0.368 094	9.963 402	3	807	
		18		21			3		
194	9.595 326		9.631 927		0.368 073	9.963 399		806	
195	9.595 344	18	9.631 948	21	0.368 052	9.963 396	3	805	
196	9.595 361	17	9.631 969	21	0.368 031	9.963 392	4	804	
		18		21			3		
197	9.595 379		9.631 990		0.368 010	9.963 389		803	
198	9.595 397	18	9.632 011	21	0.367 989	9.963 386	3	802	
199	9.595 415	18	9.632 032	21	0.367 968	9.963 383	3	801	
		17		21			4		
.200	9.595 432		9.632 053		0.367 947	9.963 379		.800	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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66°.850 — 66°.800

23°.200 — 23°.250

23°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.595 432		9.632 053		0.367 947	9.963 379		.800	
		18		21			3		
201	9.595 450		9.632 074		0.367 926	9.963 376		799	
202	9.595 468	18	9.632 095	21	0.367 905	9.963 373	3	798	
203	9.595 485	17	9.632 116	21	0.367 884	9.963 370	3	797	
		18		20			4		
204	9.595 503		9.632 136		0.367 864	9.963 366		796	
205	9.595 521	18	9.632 157	21	0.367 843	9.963 363	3	795	
206	9.595 538	17	9.632 178	21	0.367 822	9.963 360	3	794	
		18		21			3		
207	9.595 556		9.632 199		0.367 801	9.963 357		793	
208	9.595 574	18	9.632 220	21	0.367 780	9.963 353	4	792	
209	9.595 591	17	9.632 241	21	0.367 759	9.963 350	3	791	
		18		21			3		
.210	9.595 609		9.632 262		0.367 738	9.963 347		.790	
		18		21			3		
211	9.595 627		9.632 283		0.367 717	9.963 344		789	
212	9.595 644	17	9.632 304	21	0.367 696	9.963 340	4	788	
213	9.595 662	18	9.632 325	21	0.367 675	9.963 337	3	787	
		18		21			3		
214	9.595 680		9.632 346		0.367 654	9.963 334		786	
215	9.595 697	17	9.632 367	21	0.367 633	9.963 331	3	785	
216	9.595 715	18	9.632 388	21	0.367 612	9.963 327	4	784	
		18		20			3		
217	9.595 733		9.632 408		0.367 592	9.963 324		783	
218	9.595 750	17	9.632 429	21	0.367 571	9.963 321	3	782	
219	9.595 768	18	9.632 450	21	0.367 550	9.963 318	3	781	
		18		21			4		
.220	9.595 786		9.632 471		0.367 529	9.963 314		.780	
		17		21			3		
221	9.595 803		9.632 492		0.367 508	9.963 311		779	
222	9.595 821	18	9.632 513	21	0.367 487	9.963 308	3	778	
223	9.595 839	18	9.632 534	21	0.367 466	9.963 305	3	777	
		17		21			4		
224	9.595 856		9.632 555		0.367 445	9.963 301		776	
225	9.595 874	18	9.632 576	21	0.367 424	9.963 298	3	775	
226	9.595 892	18	9.632 597	21	0.367 403	9.963 295	3	774	
		17		21			3		
227	9.595 909		9.632 618		0.367 382	9.963 292		773	
228	9.595 927	18	9.632 639	21	0.367 361	9.963 288	4	772	
229	9.595 945	18	9.632 660	21	0.367 340	9.963 285	3	771	
		17		20			3		
.230	9.595 962		9.632 680		0.367 320	9.963 282		.770	
		18		21			3		
231	9.595 980		9.632 701		0.367 299	9.963 279		769	
232	9.595 998	18	9.632 722	21	0.367 278	9.963 275	4	768	
233	9.596 015	17	9.632 743	21	0.367 257	9.963 272	3	767	
		18		21			3		
234	9.596 033		9.632 764		0.367 236	9.963 269		766	
235	9.596 051	18	9.632 785	21	0.367 215	9.963 266	3	765	
236	9.596 068	17	9.632 806	21	0.367 194	9.963 262	4	764	
		18		21			3		
237	9.596 086		9.632 827		0.367 173	9.963 259		763	
238	9.596 104	18	9.632 848	21	0.367 152	9.963 256	3	762	
239	9.596 121	17	9.632 869	21	0.367 131	9.963 253	3	761	
		18		21			4		
.240	9.596 139		9.632 890		0.367 110	9.963 249		.760	
		18		20			3		
241	9.596 157		9.632 910		0.367 090	9.963 246		759	
242	9.596 174	17	9.632 931	21	0.367 069	9.963 243	3	758	
243	9.596 192	18	9.632 952	21	0.367 048	9.963 240	3	757	
		18		21			4		
244	9.596 210		9.632 973		0.367 027	9.963 236		756	
245	9.596 227	17	9.632 994	21	0.367 006	9.963 233	3	755	
246	9.596 245	18	9.633 015	21	0.366 985	9.963 230	3	754	
		17		21			3		
247	9.596 262		9.633 036		0.366 964	9.963 227		753	
248	9.596 280	18	9.633 057	21	0.366 943	9.963 223	4	752	
249	9.596 298	18	9.633 078	21	0.366 922	9.963 220	3	751	
		17		21			3		
.250	9.596 315		9.633 099		0.366 901	9.963 217		.750	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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66°.800 — 66°.750

23°.250 — 23°.300

23°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.596 315	18	9.633 099	20	0.366 901	9.963 217	3	.750	
251	9.596 333	18	9.633 119	21	0.366 881	9.963 214	4	749	
252	9.596 351	17	9.633 140	21	0.366 860	9.963 210	3	748	
253	9.596 368	18	9.633 161	21	0.366 839	9.963 207	3	747	
254	9.596 386	18	9.633 182	21	0.366 818	9.963 204	3	746	
255	9.596 404	17	9.633 203	21	0.366 797	9.963 201	4	745	
256	9.596 421	18	9.633 224	21	0.366 776	9.963 197	3	744	
257	9.596 439	17	9.633 245	21	0.366 755	9.963 194	3	743	
258	9.596 456	18	9.633 266	21	0.366 734	9.963 191	3	742	
259	9.596 474	18	9.633 287	21	0.366 713	9.963 188	4	741	
.260	9.596 492	17	9.633 308	20	0.366 692	9.963 184	3	.740	
261	9.596 509	18	9.633 328	21	0.366 672	9.963 181	3	739	
262	9.596 527	18	9.633 349	21	0.366 651	9.963 178	4	738	
263	9.596 545	17	9.633 370	21	0.366 630	9.963 174	3	737	
264	9.596 562	18	9.633 391	21	0.366 609	9.963 171	3	736	
265	9.596 580	18	9.633 412	21	0.366 588	9.963 168	3	735	
266	9.596 598	17	9.633 433	21	0.366 567	9.963 165	4	734	
267	9.596 615	18	9.633 454	21	0.366 546	9.963 161	3	733	
268	9.596 633	17	9.633 475	21	0.366 525	9.963 158	3	732	
269	9.596 650	18	9.633 496	20	0.366 504	9.963 155	3	731	
.270	9.596 668	18	9.633 516	21	0.366 484	9.963 152	4	.730	
271	9.596 686	17	9.633 537	21	0.366 463	9.963 148	3	729	
272	9.596 703	18	9.633 558	21	0.366 442	9.963 145	3	728	
273	9.596 721	18	9.633 579	21	0.366 421	9.963 142	3	727	
274	9.596 739	17	9.633 600	21	0.366 400	9.963 139	4	726	
275	9.596 756	18	9.633 621	21	0.366 379	9.963 135	3	725	
276	9.596 774	17	9.633 642	21	0.366 358	9.963 132	3	724	
277	9.596 791	18	9.633 663	20	0.366 337	9.963 129	3	723	
278	9.596 809	18	9.633 683	21	0.366 317	9.963 126	4	722	
279	9.596 827	17	9.633 704	21	0.366 296	9.963 122	3	721	
.280	9.596 844	18	9.633 725	21	0.366 275	9.963 119	3	.720	
281	9.596 862	18	9.633 746	21	0.366 254	9.963 116	3	719	
282	9.596 880	17	9.633 767	21	0.366 233	9.963 113	4	718	
283	9.596 897	18	9.633 788	21	0.366 212	9.963 109	3	717	
284	9.596 915	17	9.633 809	21	0.366 191	9.963 106	3	716	
285	9.596 932	18	9.633 830	20	0.366 170	9.963 103	4	715	
286	9.596 950	18	9.633 850	21	0.366 150	9.963 099	3	714	
287	9.596 968	17	9.633 871	21	0.366 129	9.963 096	3	713	
288	9.596 985	18	9.633 892	21	0.366 108	9.963 093	3	712	
289	9.597 003	17	9.633 913	21	0.366 087	9.963 090	4	711	
.290	9.597 020	18	9.633 934	21	0.366 066	9.963 086	3	.710	
291	9.597 038	18	9.633 955	21	0.366 045	9.963 083	3	709	
292	9.597 056	17	9.633 976	21	0.366 024	9.963 080	3	708	
293	9.597 073	18	9.633 997	20	0.366 003	9.963 077	4	707	
294	9.597 091	17	9.634 017	21	0.365 983	9.963 073	3	706	
295	9.597 108	18	9.634 038	21	0.365 962	9.963 070	3	705	
296	9.597 126	18	9.634 059	21	0.365 941	9.963 067	3	704	
297	9.597 144	17	9.634 080	21	0.365 920	9.963 064	4	703	
298	9.597 161	18	9.634 101	21	0.365 899	9.963 060	3	702	
299	9.597 179	17	9.634 122	21	0.365 878	9.963 057	3	701	
.300	9.597 196		9.634 143		0.365 857	9.963 054		.700	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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7	11.9
8	13.6
9	15.3

66°.750 — 66°.700

23°.300 — 23°.350

23°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.597 196		9.634 143		0.365 857	9.963 054		.700	
		18		21			3		
301	9.597 214		9.634 164		0.365 836	9.963 051		699	
302	9.597 232	18	9.634 184	20	0.365 816	9.963 047	4	698	
303	9.597 249	17	9.634 205	21	0.365 795	9.963 044	3	697	
		18		21			3		21
304	9.597 267		9.634 226		0.365 774	9.963 041		696	1 2.1
305	9.597 284	17	9.634 247	21	0.365 753	9.963 037	4	695	2 4.2
306	9.597 302	18	9.634 268	21	0.365 732	9.963 034	3	694	3 6.3
		18		21			3		4 8.4
307	9.597 320		9.634 289		0.365 711	9.963 031		693	5 10.5
308	9.597 337	17	9.634 310	21	0.365 690	9.963 028	3	692	6 12.6
309	9.597 355	18	9.634 330	20	0.365 670	9.963 024	4	691	7 14.7
.310	9.597 372	17	9.634 351	21	0.365 649	9.963 021	3	.690	8 16.8
		18		21			3		9 18.9
311	9.597 390		9.634 372		0.365 628	9.963 018		689	
312	9.597 408	18	9.634 393	21	0.365 607	9.963 015	3	688	
313	9.597 425	17	9.634 414	21	0.365 586	9.963 011	4	687	
		18		21			3		
314	9.597 443		9.634 435		0.365 565	9.963 008		686	
315	9.597 460	17	9.634 456	21	0.365 544	9.963 005	3	685	20
316	9.597 478	18	9.634 476	20	0.365 524	9.963 002	3	684	
		18		21			4		1 2.0
317	9.597 496		9.634 497		0.365 503	9.962 998		683	2 4.0
318	9.597 513	17	9.634 518	21	0.365 482	9.962 995	3	682	3 6.0
319	9.597 531	18	9.634 539	21	0.365 461	9.962 992	3	681	4 8.0
.320	9.597 548	17	9.634 560	21	0.365 440	9.962 988	4	.680	5 10.0
		18		21			3		6 12.0
321	9.597 566		9.634 581		0.365 419	9.962 985		679	7 14.0
322	9.597 583	17	9.634 601	20	0.365 399	9.962 982	3	678	8 16.0
323	9.597 601	18	9.634 622	21	0.365 378	9.962 979	3	677	9 18.0
		18		21			4		
324	9.597 619		9.634 643		0.365 357	9.962 975		676	
325	9.597 636	17	9.634 664	21	0.365 336	9.962 972	3	675	
326	9.597 654	18	9.634 685	21	0.365 315	9.962 969	3	674	
		17		21			3		18
327	9.597 671		9.634 706		0.365 294	9.962 966		673	1 1.8
328	9.597 689	18	9.634 727	21	0.365 273	9.962 962	4	672	2 3.6
329	9.597 707	18	9.634 747	20	0.365 253	9.962 959	3	671	3 5.4
.330	9.597 724	17	9.634 768	21	0.365 232	9.962 956	3	.670	4 7.2
		18		21			3		5 9.0
331	9.597 742		9.634 789		0.365 211	9.962 953		669	6 10.8
332	9.597 759	17	9.634 810	21	0.365 190	9.962 949	4	668	7 12.6
333	9.597 777	18	9.634 831	21	0.365 169	9.962 946	3	667	8 14.4
		17		21			3		9 16.2
334	9.597 794		9.634 852		0.365 148	9.962 943		666	
335	9.597 812	18	9.634 872	20	0.365 128	9.962 939	4	665	
336	9.597 830	18	9.634 893	21	0.365 107	9.962 936	3	664	
		17		21			3		17
337	9.597 847		9.634 914		0.365 086	9.962 933		663	1 1.7
338	9.597 865	18	9.634 935	21	0.365 065	9.962 930	3	662	2 3.4
339	9.597 882	17	9.634 956	21	0.365 044	9.962 926	4	661	3 5.1
.340	9.597 900	18	9.634 977	21	0.365 023	9.962 923	3	.660	4 6.8
		17		21			3		5 8.5
341	9.597 917		9.634 998		0.365 002	9.962 920		659	6 10.2
342	9.597 935	18	9.635 018	20	0.364 982	9.962 917	3	658	7 11.9
343	9.597 952	17	9.635 039	21	0.364 961	9.962 913	4	657	8 13.6
		18		21			3		9 15.3
344	9.597 970		9.635 060		0.364 940	9.962 910		656	
345	9.597 988	18	9.635 081	21	0.364 919	9.962 907	3	655	
346	9.598 005	17	9.635 102	21	0.364 898	9.962 903	4	654	
		18		21			3		
347	9.598 023		9.635 123		0.364 877	9.962 900		653	
348	9.598 040	17	9.635 143	20	0.364 857	9.962 897	3	652	
349	9.598 058	18	9.635 164	21	0.364 836	9.962 894	3	651	
.350	9.598 075	17	9.635 185	21	0.364 815	9.962 890	4	.650	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.700 — 66°.650

23°.350 — 23°.400

23°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.598 075		9.635 185		0.364 815	9.962 890		**.650**	
		18		21			3		
351	9.598 093		9.635 206		0.364 794	9.962 887		649	
		18		21			3		
352	9.598 111		9.635 227		0.364 773	9.962 884		648	
		17		21			3		
353	9.598 128		9.635 248		0.364 752	9.962 881		647	
		18		20			4		
354	9.598 146		9.635 268		0.364 732	9.962 877		646	
		17		21			3		
355	9.598 163		9.635 289		0.364 711	9.962 874		645	
		18		21			3		
356	9.598 181		9.635 310		0.364 690	9.962 871		644	
		17		21			4		
357	9.598 198		9.635 331		0.364 669	9.962 867		643	
		18		21			3		
358	9.598 216		9.635 352		0.364 648	9.962 864		642	
		17		20			3		
359	9.598 233		9.635 372		0.364 628	9.962 861		641	
		18		21			3		
.360	9.598 251		9.635 393		0.364 607	9.962 858		**.640**	
		17		21			4		
361	9.598 268		9.635 414		0.364 586	9.962 854		639	
		18		21			3		
362	9.598 286		9.635 435		0.364 565	9.962 851		638	
		18		21			3		
363	9.598 304		9.635 456		0.364 544	9.962 848		637	
		17		21			3		
364	9.598 321		9.635 477		0.364 523	9.962 845		636	
		18		20			4		
365	9.598 339		9.635 497		0.364 503	9.962 841		635	
		17		21			3		
366	9.598 356		9.635 518		0.364 482	9.962 838		634	
		18		21			3		
367	9.598 374		9.635 539		0.364 461	9.962 835		633	
		17		21			4		
368	9.598 391		9.635 560		0.364 440	9.962 831		632	
		18		21			3		
369	9.598 409		9.635 581		0.364 419	9.962 828		631	
		17		20			3		
.370	9.598 426		9.635 601		0.364 399	9.962 825		**.630**	
		18		21			3		
371	9.598 444		9.635 622		0.364 378	9.962 822		629	
		17		21			4		
372	9.598 461		9.635 643		0.364 357	9.962 818		628	
		18		21			3		
373	9.598 479		9.635 664		0.364 336	9.962 815		627	
		18		21			3		
374	9.598 497		9.635 685		0.364 315	9.962 812		626	
		17		21			3		
375	9.598 514		9.635 706		0.364 294	9.962 809		625	
		18		20			4		
376	9.598 532		9.635 726		0.364 274	9.962 805		624	
		17		21			3		
377	9.598 549		9.635 747		0.364 253	9.962 802		623	
		18		21			3		
378	9.598 567		9.635 768		0.364 232	9.962 799		622	
		17		21			4		
379	9.598 584		9.635 789		0.364 211	9.962 795		621	
		18		21			3		
.380	9.598 602		9.635 810		0.364 190	9.962 792		**.620**	
		17		20			3		
381	9.598 619		9.635 830		0.364 170	9.962 789		619	
		18		21			3		
382	9.598 637		9.635 851		0.364 149	9.962 786		618	
		17		21			4		
383	9.598 654		9.635 872		0.364 128	9.962 782		617	
		18		21			3		
384	9.598 672		9.635 893		0.364 107	9.962 779		616	
		17		21			3		
385	9.598 689		9.635 914		0.364 086	9.962 776		615	
		18		20			4		
386	9.598 707		9.635 934		0.364 066	9.962 772		614	
		17		21			3		
387	9.598 724		9.635 955		0.364 045	9.962 769		613	
		18		21			3		
388	9.598 742		9.635 976		0.364 024	9.962 766		612	
		18		21			3		
389	9.598 760		9.635 997		0.364 003	9.962 763		611	
		17		21			4		
.390	9.598 777		9.636 018		0.363 982	9.962 759		**.610**	
		18		20			3		
391	9.598 795		9.636 038		0.363 962	9.962 756		609	
		17		21			3		
392	9.598 812		9.636 059		0.363 941	9.962 753		608	
		18		21			3		
393	9.598 830		9.636 080		0.363 920	9.962 750		607	
		17		21			4		
394	9.598 847		9.636 101		0.363 899	9.962 746		606	
		18		21			3		
395	9.598 865		9.636 122		0.363 878	9.962 743		605	
		17		20			3		
396	9.598 882		9.636 142		0.363 858	9.962 740		604	
		18		21			4		
397	9.598 900		9.636 163		0.363 837	9.962 736		603	
		17		21			3		
398	9.598 917		9.636 184		0.363 816	9.962 733		602	
		18		21			3		
399	9.598 935		9.636 205		0.363 795	9.962 730		601	
		17		21			3		
.400	9.598 952		9.636 226		0.363 774	9.962 727		**.600**	
	cos	d	cotg	d	tang	sin	d	**66°**	P.P.

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6	10.8
7	12.6
8	14.4
9	16.2

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3	5.1
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5	8.5
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7	11.9
8	13.6
9	15.3

66°.650 — 66°.600

23°.400 — 23°.450

23°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.598 952		9.636 226		0.363 774	9.962 727		**.600**	
		18		20			4		
401	9.598 970		9.636 246		0.363 754	9.962 723		599	
402	9.598 987	17	9.636 267	21	0.363 733	9.962 720	3	598	
403	9.599 005	18	9.636 288	21	0.363 712	9.962 717	3	597	
		17		21			4		
404	9.599 022		9.636 309		0.363 691	9.962 713		596	
405	9.599 040	18	9.636 330	21	0.363 670	9.962 710	3	595	
406	9.599 057	17	9.636 350	20	0.363 650	9.962 707	3	594	
		18		21			3		
407	9.599 075		9.636 371		0.363 629	9.962 704		593	
408	9.599 092	17	9.636 392	21	0.363 608	9.962 700	4	592	
409	9.599 110	18	9.636 413	21	0.363 587	9.962 697	3	591	
		17		21			3		
.410	9.599 127		9.636 434		0.363 566	9.962 694		**.590**	
		18		20			4		
411	9.599 145		9.636 454		0.363 546	9.962 690		589	
412	9.599 162	17	9.636 475	21	0.363 525	9.962 687	3	588	
413	9.599 180	18	9.636 496	21	0.363 504	9.962 684	3	587	
		17		21			3		
414	9.599 197		9.636 517		0.363 483	9.962 681		586	
415	9.599 215	18	9.636 538	21	0.363 462	9.962 677	4	585	
416	9.599 232	17	9.636 558	20	0.363 442	9.962 674	3	584	
		18		21			3		
417	9.599 250		9.636 579		0.363 421	9.962 671		583	
418	9.599 267	17	9.636 600	21	0.363 400	9.962 668	3	582	
419	9.599 285	18	9.636 621	21	0.363 379	9.962 664	4	581	
		17		20			3		
.420	9.599 302		9.636 641		0.363 359	9.962 661		**.580**	
		18		21			3		
421	9.599 320		9.636 662		0.363 338	9.962 658		579	
422	9.599 337	17	9.636 683	21	0.363 317	9.962 654	4	578	
423	9.599 355	18	9.636 704	21	0.363 296	9.962 651	3	577	
		17		21			3		
424	9.599 372		9.636 725		0.363 275	9.962 648		576	
425	9.599 390	18	9.636 745	20	0.363 255	9.962 645	3	575	
426	9.599 407	17	9.636 766	21	0.363 234	9.962 641	4	574	
		18		21			3		
427	9.599 425		9.636 787		0.363 213	9.962 638		573	
428	9.599 442	17	9.636 808	21	0.363 192	9.962 635	3	572	
429	9.599 460	18	9.636 828	20	0.363 172	9.962 631	4	571	
		17		21			3		
.430	9.599 477		9.636 849		0.363 151	9.962 628		**.570**	
		18		21			3		
431	9.599 495		9.636 870		0.363 130	9.962 625		569	
432	9.599 512	17	9.636 891	21	0.363 109	9.962 622	3	568	
433	9.599 530	18	9.636 912	21	0.363 088	9.962 618	4	567	
		17		20			3		
434	9.599 547		9.636 932		0.363 068	9.962 615		566	
435	9.599 565	18	9.636 953	21	0.363 047	9.962 612	3	565	
436	9.599 582	17	9.636 974	21	0.363 026	9.962 608	4	564	
		18		21			3		
437	9.599 600		9.636 995		0.363 005	9.962 605		563	
438	9.599 617	17	9.637 015	20	0.362 985	9.962 602	3	562	
439	9.599 635	18	9.637 036	21	0.362 964	9.962 599	3	561	
		17		21			4		
.440	9.599 652		9.637 057		0.362 943	9.962 595		**.560**	
		18		21			3		
441	9.599 670		9.637 078		0.362 922	9.962 592		559	
442	9.599 687	17	9.637 099	21	0.362 901	9.962 589	3	558	
443	9.599 705	18	9.637 119	20	0.362 881	9.962 585	4	557	
		17		21			3		
444	9.599 722		9.637 140		0.362 860	9.962 582		556	
445	9.599 740	18	9.637 161	21	0.362 839	9.962 579	3	555	
446	9.599 757	17	9.637 182	21	0.362 818	9.962 576	3	554	
		18		20			4		
447	9.599 775		9.637 202		0.362 798	9.962 572		553	
448	9.599 792	17	9.637 223	21	0.362 777	9.962 569	3	552	
449	9.599 810	18	9.637 244	21	0.362 756	9.962 566	3	551	
		17		21			4		
.450	9.599 827		9.637 265		0.362 735	9.962 562		**.550**	
	cos	d	cotg	d	tang	sin	d	**66°**	P.P.

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6	10.8
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9	16.2

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6	10.2
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8	13.6
9	15.3

66°.600 — 66°.550

23°.450 — 23°.500

23°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.599 827		9.637 265		0.362 735	9.962 562		**.550**	
		17		20			3		
451	9.599 844		9.637 285		0.362 715	9.962 559		549	
		18		21			3		
452	9.599 862		9.637 306		0.362 694	9.962 556		548	
		17		21			3		
453	9.599 879		9.637 327		0.362 673	9.962 553		547	
		18		21			4		
454	9.599 897		9.637 348		0.362 652	9.962 549		546	
		17		20			3		
455	9.599 914		9.637 368		0.362 632	9.962 546		545	
		18		21			3		
456	9.599 932		9.637 389		0.362 611	9.962 543		544	
		17		21			4		
457	9.599 949		9.637 410		0.362 590	9.962 539		543	
		18		21			3		
458	9.599 967		9.637 431		0.362 569	9.962 536		542	
		17		20			3		
459	9.599 984		9.637 451		0.362 549	9.962 533		541	
		18		21			4		
.460	9.600 002		9.637 472		0.362 528	9.962 529		**.540**	
		17		21			3		
461	9.600 019		9.637 493		0.362 507	9.962 526		539	
		18		21			3		
462	9.600 037		9.637 514		0.362 486	9.962 523		538	
		17		20			3		
463	9.600 054		9.637 534		0.362 466	9.962 520		537	
		18		21			4		
464	9.600 072		9.637 555		0.362 445	9.962 516		536	
		17		21			3		
465	9.600 089		9.637 576		0.362 424	9.962 513		535	
		17		21			3		
466	9.600 106		9.637 597		0.362 403	9.962 510		534	
		18		20			4		
467	9.600 124		9.637 617		0.362 383	9.962 506		533	
		17		21			3		
468	9.600 141		9.637 638		0.362 362	9.962 503		532	
		18		21			3		
469	9.600 159		9.637 659		0.362 341	9.962 500		531	
		17		21			3		
.470	9.600 176		9.637 680		0.362 320	9.962 497		**.530**	
		18		20			4		
471	9.600 194		9.637 700		0.362 300	9.962 493		529	
		17		21			3		
472	9.600 211		9.637 721		0.362 279	9.962 490		528	
		18		21			3		
473	9.600 229		9.637 742		0.362 258	9.962 487		527	
		17		21			4		
474	9.600 246		9.637 763		0.362 237	9.962 483		526	
		18		20			3		
475	9.600 264		9.637 783		0.362 217	9.962 480		525	
		17		21			3		
476	9.600 281		9.637 804		0.362 196	9.962 477		524	
		18		21			3		
477	9.600 299		9.637 825		0.362 175	9.962 474		523	
		17		21			4		
478	9.600 316		9.637 846		0.362 154	9.962 470		522	
		17		20			3		
479	9.600 333		9.637 866		0.362 134	9.962 467		521	
		18		21			3		
.480	9.600 351		9.637 887		0.362 113	9.962 464		**.520**	
		17		21			4		
481	9.600 368		9.637 908		0.362 092	9.962 460		519	
		18		21			3		
482	9.600 386		9.637 929		0.362 071	9.962 457		518	
		17		20			3		
483	9.600 403		9.637 949		0.362 051	9.962 454		517	
		18		21			4		
484	9.600 421		9.637 970		0.362 030	9.962 450		516	
		17		21			3		
485	9.600 438		9.637 991		0.362 009	9.962 447		515	
		18		21			3		
486	9.600 456		9.638 012		0.361 988	9.962 444		514	
		17		20			3		
487	9.600 473		9.638 032		0.361 968	9.962 441		513	
		17		21			4		
488	9.600 490		9.638 053		0.361 947	9.962 437		512	
		18		21			3		
489	9.600 508		9.638 074		0.361 926	9.962 434		511	
		17		21			3		
.490	9.600 525		9.638 095		0.361 905	9.962 431		**.510**	
		18		20			4		
491	9.600 543		9.638 115		0.361 885	9.962 427		509	
		17		21			3		
492	9.600 560		9.638 136		0.361 864	9.962 424		508	
		18		21			3		
493	9.600 578		9.638 157		0.361 843	9.962 421		507	
		17		21			3		
494	9.600 595		9.638 178		0.361 822	9.962 418		506	
		18		20			4		
495	9.600 613		9.638 198		0.361 802	9.962 414		505	
		17		21			3		
496	9.600 630		9.638 219		0.361 781	9.962 411		504	
		17		21			3		
497	9.600 647		9.638 240		0.361 760	9.962 408		503	
		18		20			4		
498	9.600 665		9.638 260		0.361 740	9.962 404		502	
		17		21			3		
499	9.600 682		9.638 281		0.361 719	9.962 401		501	
		18		21			3		
.500	9.600 700		9.638 302		0.361 698	9.962 398		**.500**	
	cos	d	cotg	d	tang	sin	d	**66°**	P.P.

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4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
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2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

66°.550 — 66°.500

$23^\circ.500 - 23^\circ.550$

23°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.600 700		9.638 302		0.361 698	9.962 398		**.500**	
		17		21			4		
501	9.600 717		9.638 323		0.361 677	9.962 394		499	
		18		20			3		
502	9.600 735		9.638 343		0.361 657	9.962 391		498	
		17		21			3		
503	9.600 752		9.638 364		0.361 636	9.962 388		497	
		17		21			3		
504	9.600 769		9.638 385		0.361 615	9.962 385		496	
		18		21			4		
505	9.600 787		9.638 406		0.361 594	9.962 381		495	
		17		20			3		
506	9.600 804		9.638 426		0.361 574	9.962 378		494	
		18		21			3		
507	9.600 822		9.638 447		0.361 553	9.962 375		493	
		17		21			4		
508	9.600 839		9.638 468		0.361 532	9.962 371		492	
		18		20			3		
509	9.600 857		9.638 488		0.361 512	9.962 368		491	
		17		21			3		
.510	9.600 874		9.638 509		0.361 491	9.962 365		**.490**	
		17		21			3		
511	9.600 891		9.638 530		0.361 470	9.962 362		489	
		18		21			4		
512	9.600 909		9.638 551		0.361 449	9.962 358		488	
		17		20			3		
513	9.600 926		9.638 571		0.361 429	9.962 355		487	
		18		21			3		
514	9.600 944		9.638 592		0.361 408	9.962 352		486	
		17		21			4		
515	9.600 961		9.638 613		0.361 387	9.962 348		485	
		17		20			3		
516	9.600 978		9.638 633		0.361 367	9.962 345		484	
		18		21			3		
517	9.600 996		9.638 654		0.361 346	9.962 342		483	
		17		21			4		
518	9.601 013		9.638 675		0.361 325	9.962 338		482	
		18		21			3		
519	9.601 031		9.638 696		0.361 304	9.962 335		481	
		17		20			3		
.520	9.601 048		9.638 716		0.361 284	9.962 332		**.480**	
		18		21			3		
521	9.601 066		9.638 737		0.361 263	9.962 329		479	
		17		21			4		
522	9.601 083		9.638 758		0.361 242	9.962 325		478	
		17		20			3		
523	9.601 100		9.638 778		0.361 222	9.962 322		477	
		18		21			3		
524	9.601 118		9.638 799		0.361 201	9.962 319		476	
		17		21			4		
525	9.601 135		9.638 820		0.361 180	9.962 315		475	
		18		21			3		
526	9.601 153		9.638 841		0.361 159	9.962 312		474	
		17		20			3		
527	9.601 170		9.638 861		0.361 139	9.962 309		473	
		17		21			4		
528	9.601 187		9.638 882		0.361 118	9.962 305		472	
		18		21			3		
529	9.601 205		9.638 903		0.361 097	9.962 302		471	
		17		20			3		
.530	9.601 222		9.638 923		0.361 077	9.962 299		**.470**	
		18		21			3		
531	9.601 240		9.638 944		0.361 056	9.962 296		469	
		17		21			4		
532	9.601 257		9.638 965		0.361 035	9.962 292		468	
		18		21			3		
533	9.601 275		9.638 986		0.361 014	9.962 289		467	
		17		20			3		
534	9.601 292		9.639 006		0.360 994	9.962 286		466	
		17		21			4		
535	9.601 309		9.639 027		0.360 973	9.962 282		465	
		18		21			3		
536	9.601 327		9.639 048		0.360 952	9.962 279		464	
		17		20			3		
537	9.601 344		9.639 068		0.360 932	9.962 276		463	
		18		21			4		
538	9.601 362		9.639 089		0.360 911	9.962 272		462	
		17		21			3		
539	9.601 379		9.639 110		0.360 890	9.962 269		461	
		17		20			3		
.540	9.601 396		9.639 130		0.360 870	9.962 266		**.460**	
		18		21			3		
541	9.601 414		9.639 151		0.360 849	9.962 263		459	
		17		21			4		
542	9.601 431		9.639 172		0.360 828	9.962 259		458	
		18		21			3		
543	9.601 449		9.639 193		0.360 807	9.962 256		457	
		17		20			3		
544	9.601 466		9.639 213		0.360 787	9.962 253		456	
		17		21			4		
545	9.601 483		9.639 234		0.360 766	9.962 249		455	
		18		21			3		
546	9.601 501		9.639 255		0.360 745	9.962 246		454	
		17		20			3		
547	9.601 518		9.639 275		0.360 725	9.962 243		453	
		17		21			4		
548	9.601 535		9.639 296		0.360 704	9.962 239		452	
		18		21			3		
549	9.601 553		9.639 317		0.360 683	9.962 236		451	
		17		20			3		
.550	9.601 570		9.639 337		0.360 663	9.962 233		**.450**	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

$66^\circ.500 - 66^\circ.450$

23°.550 — 23°.600

23°	sin	d	tang	d	cotg	cos	d		P.P.
·550	9.601 570		9.639 337		0.360 663	9.962 233		**·450**	
		18		21			4		
551	9.601 588		9.639 358		0.360 642	9.962 229		449	
552	9.601 605	17	9.639 379	21	0.360 621	9.962 226	3	448	
553	9.601 622	17	9.639 400	21	0.360 600	9.962 223	3	447	
		18		20			3		
554	9.601 640		9.639 420		0.360 580	9.962 220		446	
555	9.601 657	17	9.639 441	21	0.360 559	9.962 216	4	445	
556	9.601 675	18	9.639 462	21	0.360 538	9.962 213	3	444	
		17		20			3		
557	9.601 692		9.639 482		0.360 518	9.962 210		443	
558	9.601 709	17	9.639 503	21	0.360 497	9.962 206	4	442	
559	9.601 727	18	9.639 524	21	0.360 476	9.962 203	3	441	
		17		20			3		
·560	9.601 744		9.639 544		0.360 456	9.962 200		**·440**	
		18		21			4		
561	9.601 762		9.639 565		0.360 435	9.962 196		439	
562	9.601 779	17	9.639 586	21	0.360 414	9.962 193	3	438	
563	9.601 796	17	9.639 606	20	0.360 394	9.962 190	3	437	
		18		21			3		
564	9.601 814		9.639 627		0.360 373	9.962 187		436	
565	9.601 831	17	9.639 648	21	0.360 352	9.962 183	4	435	
566	9.601 848	17	9.639 668	20	0.360 332	9.962 180	3	434	
		18		21			3		
567	9.601 866		9.639 689		0.360 311	9.962 177		433	
568	9.601 883	17	9.639 710	21	0.360 290	9.962 173	4	432	
569	9.601 901	18	9.639 731	21	0.360 269	9.962 170	3	431	
		17		20			3		
·570	9.601 918		9.639 751		0.360 249	9.962 167		**·430**	
		17		21			4		
571	9.601 935		9.639 772		0.360 228	9.962 163		429	
572	9.601 953	18	9.639 793	21	0.360 207	9.962 160	3	428	
573	9.601 970	17	9.639 813	20	0.360 187	9.962 157	3	427	
		17		21			4		
574	9.601 987		9.639 834		0.360 166	9.962 153		426	
575	9.602 005	18	9.639 855	21	0.360 145	9.962 150	3	425	
576	9.602 022	17	9.639 875	20	0.360 125	9.962 147	3	424	
		18		21			3		
577	9.602 040		9.639 896		0.360 104	9.962 144		423	
578	9.602 057	17	9.639 917	21	0.360 083	9.962 140	4	422	
579	9.602 074	17	9.639 937	20	0.360 063	9.962 137	3	421	
		18		21			3		
·580	9.602 092		9.639 958		0.360 042	9.962 134		**·420**	
		17		21			4		
581	9.602 109		9.639 979		0.360 021	9.962 130		419	
582	9.602 126	17	9.639 999	20	0.360 001	9.962 127	3	418	
583	9.602 144	18	9.640 020	21	0.359 980	9.962 124	3	417	
		17		21			4		
584	9.602 161		9.640 041		0.359 959	9.962 120		416	
585	9.602 178	17	9.640 061	20	0.359 939	9.962 117	3	415	
586	9.602 196	18	9.640 082	21	0.359 918	9.962 114	3	414	
		17		21			4		
587	9.602 213		9.640 103		0.359 897	9.962 110		413	
588	9.602 231	18	9.640 123	20	0.359 877	9.962 107	3	412	
589	9.602 248	17	9.640 144	21	0.359 856	9.962 104	3	411	
		17		21			3		
·590	9.602 265		9.640 165		0.359 835	9.962 101		**·410**	
		18		20			4		
591	9.602 283		9.640 185		0.359 815	9.962 097		409	
592	9.602 300	17	9.640 206	21	0.359 794	9.962 094	3	408	
593	9.602 317	17	9.640 227	21	0.359 773	9.962 091	3	407	
		18		20			4		
594	9.602 335		9.640 247		0.359 753	9.962 087		406	
595	9.602 352	17	9.640 268	21	0.359 732	9.962 084	3	405	
596	9.602 369	17	9.640 289	21	0.359 711	9.962 081	3	404	
		18		20			4		
597	9.602 387		9.640 309		0.359 691	9.962 077		403	
598	9.602 404	17	9.640 330	21	0.359 670	9.962 074	3	402	
599	9.602 421	17	9.640 351	21	0.359 649	9.962 071	3	401	
		18		20			4		
.600	9.602 439		9.640 371		0.359 629	9.962 067		**·400**	
	cos	d	cotg	d	tang	sin	d	**66°**	P.P.

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

66°.450 — 66°.400

23°.600 — 23°.650

23°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.602 439		9.640 371		0.359 629	9.962 067		**.400**	
		17		21			3		
601	9.602 456		9.640 392		0.359 608	9.962 064		399	
602	9.602 473	17	9.640 413	21	0.359 587	9.962 061	3	398	
603	9.602 491	18	9.640 433	20	0.359 567	9.962 057	4	397	
		17		21			3		21
604	9.602 508		9.640 454		0.359 546	9.962 054		396	1 2.1
605	9.602 526	18	9.640 475	21	0.359 525	9.962 051	3	395	2 4.2
606	9.602 543	17	9.640 495	20	0.359 505	9.962 048	3	394	3 6.3
		17		21			4		4 8.4
607	9.602 560		9.640 516		0.359 484	9.962 044		393	5 10.5
608	9.602 578	18	9.640 537	21	0.359 463	9.962 041	3	392	6 12.6
609	9.602 595	17	9.640 557	20	0.359 443	9.962 038	3	391	7 14.7
		17		21			4		8 16.8
.610	9.602 612		9.640 578		0.359 422	9.962 034		**.390**	9 18.9
		18		21			3		
611	9.602 630		9.640 599		0.359 401	9.962 031		389	
612	9.602 647	17	9.640 619	20	0.359 381	9.962 028	3	388	
613	9.602 664	17	9.640 640	21	0.359 360	9.962 024	4	387	
		18		21			3		
614	9.602 682		9.640 661		0.359 339	9.962 021		386	
615	9.602 699	17	9.640 681	20	0.359 319	9.962 018	3	385	20
616	9.602 716	17	9.640 702	21	0.359 298	9.962 014	4	384	
		18		21			3		1 2.0
617	9.602 734		9.640 723		0.359 277	9.962 011		383	2 4.0
618	9.602 751	17	9.640 743	20	0.359 257	9.962 008	3	382	3 6.0
619	9.602 768	17	9.640 764	21	0.359 236	9.962 004	4	381	4 8.0
		18		20			3		5 10.0
.620	9.602 786		9.640 784		0.359 216	9.962 001		**.380**	6 12.0
		17		21			3		7 14.0
621	9.602 803		9.640 805		0.359 195	9.961 998		379	8 16.0
622	9.602 820	17	9.640 826	21	0.359 174	9.961 995	3	378	9 18.0
623	9.602 838	18	9.640 846	20	0.359 154	9.961 991	4	377	
		17		21			3		
624	9.602 855		9.640 867		0.359 133	9.961 988		376	
625	9.602 872	17	9.640 888	21	0.359 112	9.961 985	3	375	
626	9.602 890	18	9.640 908	20	0.359 092	9.961 981	4	374	
		17		21			3		18
627	9.602 907		9.640 929		0.359 071	9.961 978		373	
628	9.602 924	17	9.640 950	21	0.359 050	9.961 975	3	372	1 1.8
629	9.602 942	18	9.640 970	20	0.359 030	9.961 971	4	371	2 3.6
		17		21			3		3 5.4
.630	9.602 959		9.640 991		0.359 009	9.961 968		**.370**	4 7.2
		17		21			3		5 9.0
631	9.602 976		9.641 012		0.358 988	9.961 965		369	6 10.8
632	9.602 994	18	9.641 032	20	0.358 968	9.961 961	4	368	7 12.6
633	9.603 011	17	9.641 053	21	0.358 947	9.961 958	3	367	8 14.4
		17		20			3		9 16.2
634	9.603 028		9.641 073		0.358 927	9.961 955		366	
635	9.603 046	18	9.641 094	21	0.358 906	9.961 951	4	365	
636	9.603 063	17	9.641 115	21	0.358 885	9.961 948	3	364	
		17		20			3		
637	9.603 080		9.641 135		0.358 865	9.961 945		363	
638	9.603 097	17	9.641 156	21	0.358 844	9.961 941	4	362	
639	9.603 115	18	9.641 177	21	0.358 823	9.961 938	3	361	17
		17		20			3		
.640	9.603 132		9.641 197		0.358 803	9.961 935		**.360**	1 1.7
		17		21			3		2 3.4
641	9.603 149		9.641 218		0.358 782	9.961 932		359	3 5.1
642	9.603 167	18	9.641 239	21	0.358 761	9.961 928	4	358	4 6.8
643	9.603 184	17	9.641 259	20	0.358 741	9.961 925	3	357	5 8.5
		17		21			3		6 10.2
644	9.603 201		9.641 280		0.358 720	9.961 922		356	7 11.9
645	9.603 219	18	9.641 300	20	0.358 700	9.961 918	4	355	8 13.6
646	9.603 236	17	9.641 321	21	0.358 679	9.961 915	3	354	9 15.3
		17		21			3		
647	9.603 253		9.641 342		0.358 658	9.961 912		353	
648	9.603 271	18	9.641 362	20	0.358 638	9.961 908	4	352	
649	9.603 288	17	9.641 383	21	0.358 617	9.961 905	3	351	
		17		21			3		
.650	9.603 305		9.641 404		0.358 596	9.961 902		**.350**	
	cos	d	cotg	d	tang	sin	d	**66°**	P.P.

66°.400 — 66°.350

23°.650 — 23°.700

23°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.603 305	18	9.641 404	20	0.358 596	9.961 902	4	.350	
651	9.603 323	17	9.641 424	21	0.358 576	9.961 898	3	349	
652	9.603 340	17	9.641 445	20	0.358 555	9.961 895	3	348	
653	9.603 357	17	9.641 465	21	0.358 535	9.961 892	4	347	
654	9.603 374	18	9.641 486	21	0.358 514	9.961 888	3	346	21
655	9.603 392	17	9.641 507	20	0.358 493	9.961 885	3	345	1 2.1
656	9.603 409	17	9.641 527	21	0.358 473	9.961 882	4	344	2 4.2
657	9.603 426	18	9.641 548	21	0.358 452	9.961 878	3	343	3 6.3
658	9.603 444	17	9.641 569	20	0.358 431	9.961 875	3	342	4 8.4
659	9.603 461	17	9.641 589	21	0.358 411	9.961 872	4	341	5 10.5
.660	9.603 478	18	9.641 610	20	0.358 390	9.961 868	3	.340	6 12.6
661	9.603 496	17	9.641 630	21	0.358 370	9.961 865	3	339	7 14.7
662	9.603 513	17	9.641 651	21	0.358 349	9.961 862	4	338	8 16.8
663	9.603 530	17	9.641 672	20	0.358 328	9.961 858	3	337	9 18.9
664	9.603 547	18	9.641 692	21	0.358 308	9.961 855	3	336	
665	9.603 565	17	9.641 713	21	0.358 287	9.961 852	3	335	
666	9.603 582	17	9.641 734	20	0.358 266	9.961 849	4	334	20
667	9.603 599	18	9.641 754	21	0.358 246	9.961 845	3	333	1 2.0
668	9.603 617	17	9.641 775	20	0.358 225	9.961 842	3	332	2 4.0
669	9.603 634	17	9.641 795	21	0.358 205	9.961 839	4	331	3 6.0
.670	9.603 651	18	9.641 816	21	0.358 184	9.961 835	3	.330	4 8.0
671	9.603 669	17	9.641 837	20	0.358 163	9.961 832	3	329	5 10.0
672	9.603 686	17	9.641 857	21	0.358 143	9.961 829	4	328	6 12.0
673	9.603 703	17	9.641 878	20	0.358 122	9.961 825	3	327	7 14.0
674	9.603 720	18	9.641 898	21	0.358 102	9.961 822	3	326	8 16.0
675	9.603 738	17	9.641 919	21	0.358 081	9.961 819	4	325	9 18.0
676	9.603 755	17	9.641 940	20	0.358 060	9.961 815	3	324	
677	9.603 772	18	9.641 960	21	0.358 040	9.961 812	3	323	
678	9.603 790	17	9.641 981	21	0.358 019	9.961 809	4	322	18
679	9.603 807	17	9.642 002	20	0.357 998	9.961 805	3	321	1 1.8
.680	9.603 824	17	9.642 022	21	0.357 978	9.961 802	3	.320	2 3.6
681	9.603 841	18	9.642 043	20	0.357 957	9.961 799	4	319	3 5.4
682	9.603 859	17	9.642 063	21	0.357 937	9.961 795	3	318	4 7.2
683	9.603 876	17	9.642 084	21	0.357 916	9.961 792	3	317	5 9.0
684	9.603 893	18	9.642 105	20	0.357 895	9.961 789	4	316	6 10.8
685	9.603 911	17	9.642 125	21	0.357 875	9.961 785	3	315	7 12.6
686	9.603 928	17	9.642 146	20	0.357 854	9.961 782	3	314	8 14.4
687	9.603 945	17	9.642 166	21	0.357 834	9.961 779	4	313	9 16.2
688	9.603 962	18	9.642 187	21	0.357 813	9.961 775	3	312	
689	9.603 980	17	9.642 208	20	0.357 792	9.961 772	3	311	
.690	9.603 997	17	9.642 228	21	0.357 772	9.961 769	4	.310	17
691	9.604 014	17	9.642 249	20	0.357 751	9.961 765	3	309	1 1.7
692	9.604 031	18	9.642 269	21	0.357 731	9.961 762	3	308	2 3.4
693	9.604 049	17	9.642 290	21	0.357 710	9.961 759	4	307	3 5.1
694	9.604 066	17	9.642 311	20	0.357 689	9.961 755	3	306	4 6.8
695	9.604 083	18	9.642 331	21	0.357 669	9.961 752	3	305	5 8.5
696	9.604 101	17	9.642 352	20	0.357 648	9.961 749	4	304	6 10.2
697	9.604 118	17	9.642 372	21	0.357 628	9.961 745	3	303	7 11.9
698	9.604 135	17	9.642 393	21	0.357 607	9.961 742	3	302	8 13.6
699	9.604 152	18	9.642 414	20	0.357 586	9.961 739	4	301	9 15.3
.700	9.604 170		9.642 434		0.357 566	9.961 735		.300	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.350 — 66°.300

23°.700 — 23°.750

23°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.604 170		9.642 434		0.357 566	9.961 735		.300	
		17		21			3		
701	9.604 187		9.642 455		0.357 545	9.961 732		299	
702	9.604 204	17	9.642 475	20	0.357 525	9.961 729	3	298	
703	9.604 221	17	9.642 496	21	0.357 504	9.961 725	4	297	
		18		21			3		21
704	9.604 239		9.642 517		0.357 483	9.961 722		296	1 2.1
705	9.604 256	17	9.642 537	20	0.357 463	9.961 719	3	295	2 4.2
706	9.604 273	17	9.642 558	21	0.357 442	9.961 716	3	294	3 6.3
		17		20			4		4 8.4
707	9.604 290		9.642 578		0.357 422	9.961 712		293	5 10.5
708	9.604 308	18	9.642 599	21	0.357 401	9.961 709	3	292	6 12.6
709	9.604 325	17	9.642 619	20	0.357 381	9.961 706	3	291	7 14.7
		17		21			4		8 16.8
.710	9.604 342		9.642 640		0.357 360	9.961 702		.290	9 18.9
		18		21			3		
711	9.604 360		9.642 661		0.357 339	9.961 699		289	
712	9.604 377	17	9.642 681	20	0.357 319	9.961 696	3	288	
713	9.604 394	17	9.642 702	21	0.357 298	9.961 692	4	287	
		17		20			3		
714	9.604 411		9.642 722		0.357 278	9.961 689		286	
715	9.604 429	18	9.642 743	21	0.357 257	9.961 686	3	285	
716	9.604 446	17	9.642 764	21	0.357 236	9.961 682	4	284	20
		17		20			3		1 2.0
717	9.604 463		9.642 784		0.357 216	9.961 679		283	2 4.0
718	9.604 480	17	9.642 805	21	0.357 195	9.961 676	3	282	3 6.0
719	9.604 498	18	9.642 825	20	0.357 175	9.961 672	4	281	4 8.0
		17		21			3		5 10.0
.720	9.604 515		9.642 846		0.357 154	9.961 669		.280	6 12.0
		17		21			3		7 14.0
721	9.604 532		9.642 867		0.357 133	9.961 666		279	8 16.0
722	9.604 549	17	9.642 887	20	0.357 113	9.961 662	4	278	9 18.0
723	9.604 567	18	9.642 908	21	0.357 092	9.961 659	3	277	
		17		20			3		
724	9.604 584		9.642 928		0.357 072	9.961 656		276	
725	9.604 601	17	9.642 949	21	0.357 051	9.961 652	4	275	
726	9.604 618	17	9.642 969	20	0.357 031	9.961 649	3	274	
		18		21			3		
727	9.604 636		9.642 990		0.357 010	9.961 646		273	18
728	9.604 653	17	9.643 011	21	0.356 989	9.961 642	4	272	1 1.8
729	9.604 670	17	9.643 031	20	0.356 969	9.961 639	3	271	2 3.6
		17		21			3		3 5.4
.730	9.604 687		9.643 052		0.356 948	9.961 636		.270	4 7.2
		18		20			4		5 9.0
731	9.604 705		9.643 072		0.356 928	9.961 632		269	6 10.8
732	9.604 722	17	9.643 093	21	0.356 907	9.961 629	3	268	7 12.6
733	9.604 739	17	9.643 113	20	0.356 887	9.961 626	3	267	8 14.4
		17		21			4		9 16.2
734	9.604 756		9.643 134		0.356 866	9.961 622		266	
735	9.604 773	17	9.643 155	21	0.356 845	9.961 619	3	265	
736	9.604 791	18	9.643 175	20	0.356 825	9.961 616	3	264	
		17		21			4		
737	9.604 808		9.643 196		0.356 804	9.961 612		263	
738	9.604 825	17	9.643 216	20	0.356 784	9.961 609	3	262	
739	9.604 842	17	9.643 237	21	0.356 763	9.961 606	3	261	17
		18		20			4		
.740	9.604 860		9.643 257		0.356 743	9.961 602		.260	1 1.7
		17		21			3		2 3.4
741	9.604 877		9.643 278		0.356 722	9.961 599		259	3 5.1
742	9.604 894	17	9.643 299	21	0.356 701	9.961 596	3	258	4 6.8
743	9.604 911	17	9.643 319	20	0.356 681	9.961 592	4	257	5 8.5
		18		21			3		6 10.2
744	9.604 929		9.643 340		0.356 660	9.961 589		256	7 11.9
745	9.604 946	17	9.643 360	20	0.356 640	9.961 586	3	255	8 13.6
746	9.604 963	17	9.643 381	21	0.356 619	9.961 582	4	254	9 15.3
		17		20			3		
747	9.604 980		9.643 401		0.356 599	9.961 579		253	
748	9.604 998	18	9.643 422	21	0.356 578	9.961 576	3	252	
749	9.605 015	17	9.643 443	21	0.356 557	9.961 572	4	251	
		17		20			3		
.750	9.605 032		9.643 463		0.356 537	9.961 569		.250	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.300 — 66°.250

23°.750 — 23°.800

23°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.605 032		9.643 463		0.356 537	9.961 569		.250	
		17		21			3		
751	9.605 049		9.643 484		0.356 516	9.961 566		249	
		17		20			4		
752	9.605 066		9.643 504		0.356 496	9.961 562		248	
		18		21			3		
753	9.605 084		9.643 525		0.356 475	9.961 559		247	
		17		20			3		
754	9.605 101		9.643 545		0.356 455	9.961 556		246	
		17		21			4		
755	9.605 118		9.643 566		0.356 434	9.961 552		245	
		17		20			3		
756	9.605 135		9.643 586		0.356 414	9.961 549		244	
		18		21			3		
757	9.605 153		9.643 607		0.356 393	9.961 546		243	
		17		21			4		
758	9.605 170		9.643 628		0.356 372	9.961 542		242	
		17		20			3		
759	9.605 187		9.643 648		0.356 352	9.961 539		241	
		17		21			3		
.760	9.605 204		9.643 669		0.356 331	9.961 536		.240	
		17		20			4		
761	9.605 221		9.643 689		0.356 311	9.961 532		239	
		18		21			3		
762	9.605 239		9.643 710		0.356 290	9.961 529		238	
		17		20			3		
763	9.605 256		9.643 730		0.356 270	9.961 526		237	
		17		21			4		
764	9.605 273		9.643 751		0.356 249	9.961 522		236	
		17		20			3		
765	9.605 290		9.643 771		0.356 229	9.961 519		235	
		18		21			3		
766	9.605 308		9.643 792		0.356 208	9.961 516		234	
		17		21			4		
767	9.605 325		9.643 813		0.356 187	9.961 512		233	
		17		20			3		
768	9.605 342		9.643 833		0.356 167	9.961 509		232	
		17		21			3		
769	9.605 359		9.643 854		0.356 146	9.961 506		231	
		17		20			4		
.770	9.605 376		9.643 874		0.356 126	9.961 502		.230	
		18		21			3		
771	9.605 394		9.643 895		0.356 105	9.961 499		229	
		17		20			4		
772	9.605 411		9.643 915		0.356 085	9.961 495		228	
		17		21			3		
773	9.605 428		9.643 936		0.356 064	9.961 492		227	
		17		20			3		
774	9.605 445		9.643 956		0.356 044	9.961 489		226	
		17		21			4		
775	9.605 462		9.643 977		0.356 023	9.961 485		225	
		18		20			3		
776	9.605 480		9.643 997		0.356 003	9.961 482		224	
		17		21			3		
777	9.605 497		9.644 018		0.355 982	9.961 479		223	
		17		21			4		
778	9.605 514		9.644 039		0.355 961	9.961 475		222	
		17		20			3		
779	9.605 531		9.644 059		0.355 941	9.961 472		221	
		17		21			3		
.780	9.605 548		9.644 080		0.355 920	9.961 469		.220	
		18		20			4		
781	9.605 566		9.644 100		0.355 900	9.961 465		219	
		17		21			3		
782	9.605 583		9.644 121		0.355 879	9.961 462		218	
		17		20			3		
783	9.605 600		9.644 141		0.355 859	9.961 459		217	
		17		21			4		
784	9.605 617		9.644 162		0.355 838	9.961 455		216	
		17		20			3		
785	9.605 634		9.644 182		0.355 818	9.961 452		215	
		18		21			3		
786	9.605 652		9.644 203		0.355 797	9.961 449		214	
		17		20			4		
787	9.605 669		9.644 223		0.355 777	9.961 445		213	
		17		21			3		
788	9.605 686		9.644 244		0.355 756	9.961 442		212	
		17		20			3		
789	9.605 703		9.644 264		0.355 736	9.961 439		211	
		17		21			4		
.790	9.605 720		9.644 285		0.355 715	9.961 435		.210	
		18		21			3		
791	9.605 738		9.644 306		0.355 694	9.961 432		209	
		17		20			3		
792	9.605 755		9.644 326		0.355 674	9.961 429		208	
		17		21			4		
793	9.605 772		9.644 347		0.355 653	9.961 425		207	
		17		20			3		
794	9.605 789		9.644 367		0.355 633	9.961 422		206	
		17		21			3		
795	9.605 806		9.644 388		0.355 612	9.961 419		205	
		18		20			4		
796	9.605 824		9.644 408		0.355 592	9.961 415		204	
		17		21			3		
797	9.605 841		9.644 429		0.355 571	9.961 412		203	
		17		20			3		
798	9.605 858		9.644 449		0.355 551	9.961 409		202	
		17		21			4		
799	9.605 875		9.644 470		0.355 530	9.961 405		201	
		17		20			3		
.800	9.605 892		9.644 490		0.355 510	9.961 402		.200	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

66°.250 — 66°.200

23°.800 — 23°.850

23°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.605 892		9.644 490		0.355 510	9.961 402		.200	
		17		21			3		
801	9.605 909		9.644 511		0.355 489	9.961 399		199	
		18		20			4		
802	9.605 927		9.644 531		0.355 469	9.961 395		198	
		17		21			3		
803	9.605 944		9.644 552		0.355 448	9.961 392		197	
		17		20			3		
804	9.605 961		9.644 572		0.355 428	9.961 389		196	
		17		21			4		
805	9.605 978		9.644 593		0.355 407	9.961 385		195	
		17		21			3		
806	9.605 995		9.644 614		0.355 386	9.961 382		194	
		18		20			3		
807	9.606 013		9.644 634		0.355 366	9.961 379		193	
		17		21			4		
808	9.606 030		9.644 655		0.355 345	9.961 375		192	
		17		20			3		
809	9.606 047		9.644 675		0.355 325	9.961 372		191	
		17		21			3		
.810	9.606 064		9.644 696		0.355 304	9.961 369		.190	
		17		20			4		
811	9.606 081		9.644 716		0.355 284	9.961 365		189	
		17		21			3		
812	9.606 098		9.644 737		0.355 263	9.961 362		188	
		18		20			4		
813	9.606 116		9.644 757		0.355 243	9.961 358		187	
		17		21			3		
814	9.606 133		9.644 778		0.355 222	9.961 355		186	
		17		20			3		
815	9.606 150		9.644 798		0.355 202	9.961 352		185	
		17		21			4		
816	9.606 167		9.644 819		0.355 181	9.961 348		184	
		17		20			3		
817	9.606 184		9.644 839		0.355 161	9.961 345		183	
		18		21			3		
818	9.606 202		9.644 860		0.355 140	9.961 342		182	
		17		20			4		
819	9.606 219		9.644 880		0.355 120	9.961 338		181	
		17		21			3		
.820	9.606 236		9.644 901		0.355 099	9.961 335		.180	
		17		20			3		
821	9.606 253		9.644 921		0.355 079	9.961 332		179	
		17		21			4		
822	9.606 270		9.644 942		0.355 058	9.961 328		178	
		17		20			3		
823	9.606 287		9.644 962		0.355 038	9.961 325		177	
		18		21			3		
824	9.606 305		9.644 983		0.355 017	9.961 322		176	
		17		20			4		
825	9.606 322		9.645 003		0.354 997	9.961 318		175	
		17		21			3		
826	9.606 339		9.645 024		0.354 976	9.961 315		174	
		17		20			3		
827	9.606 356		9.645 044		0.354 956	9.961 312		173	
		17		21			4		
828	9.606 373		9.645 065		0.354 935	9.961 308		172	
		17		20			3		
829	9.606 390		9.645 085		0.354 915	9.961 305		171	
		18		21			3		
.830	9.606 408		9.645 106		0.354 894	9.961 302		.170	
		17		20			4		
831	9.606 425		9.645 126		0.354 874	9.961 298		169	
		17		21			3		
832	9.606 442		9.645 147		0.354 853	9.961 295		168	
		17		20			3		
833	9.606 459		9.645 167		0.354 833	9.961 292		167	
		17		21			4		
834	9.606 476		9.645 188		0.354 812	9.961 288		166	
		17		20			3		
835	9.606 493		9.645 208		0.354 792	9.961 285		165	
		17		21			4		
836	9.606 510		9.645 229		0.354 771	9.961 281		164	
		18		20			3		
837	9.606 528		9.645 249		0.354 751	9.961 278		163	
		17		21			3		
838	9.606 545		9.645 270		0.354 730	9.961 275		162	
		17		20			4		
839	9.606 562		9.645 290		0.354 710	9.961 271		161	
		17		21			3		
.840	9.606 579		9.645 311		0.354 689	9.961 268		.160	
		17		20			3		
841	9.606 596		9.645 331		0.354 669	9.961 265		159	
		17		21			4		
842	9.606 613		9.645 352		0.354 648	9.961 261		158	
		18		20			3		
843	9.606 631		9.645 372		0.354 628	9.961 258		157	
		17		21			3		
844	9.606 648		9.645 393		0.354 607	9.961 255		156	
		17		20			4		
845	9.606 665		9.645 413		0.354 587	9.961 251		155	
		17		21			3		
846	9.606 682		9.645 434		0.354 566	9.961 248		154	
		17		20			3		
847	9.606 699		9.645 454		0.354 546	9.961 245		153	
		17		21			4		
848	9.606 716		9.645 475		0.354 525	9.961 241		152	
		17		20			3		
849	9.606 733		9.645 495		0.354 505	9.961 238		151	
		18		21			3		
.850	9.606 751		9.645 516		0.354 484	9.961 235		.150	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

66°.200 — 66°.150

23°.850 — 23°.900

23°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.606 751		9.645 516		0.354 484	9.961 235		**.150**	
		17		20			4		
851	9.606 768		9.645 536		0.354 464	9.961 231		149	
852	9.606 785	17	9.645 557	21	0.354 443	9.961 228	3	148	
853	9.606 802	17	9.645 577	20	0.354 423	9.961 225	3	147	
		17		21			4		
854	9.606 819		9.645 598		0.354 402	9.961 221		146	
855	9.606 836	17	9.645 618	20	0.354 382	9.961 218	3	145	
856	9.606 853	17	9.645 639	21	0.354 361	9.961 214	4	144	
		18		20			3		
857	9.606 871		9.645 659		0.354 341	9.961 211		143	
858	9.606 888	17	9.645 680	21	0.354 320	9.961 208	3	142	
859	9.606 905	17	9.645 700	20	0.354 300	9.961 204	4	141	
		17		21			3		
.860	9.606 922		9.645 721		0.354 279	9.961 201		**.140**	
		17		20			3		
861	9.606 939		9.645 741		0.354 259	9.961 198		139	
862	9.606 956	17	9.645 762	21	0.354 238	9.961 194	4	138	
863	9.606 973	17	9.645 782	20	0.354 218	9.961 191	3	137	
		18		21			3		
864	9.606 991		9.645 803		0.354 197	9.961 188		136	
865	9.607 008	17	9.645 823	20	0.354 177	9.961 184	4	135	
866	9.607 025	17	9.645 844	21	0.354 156	9.961 181	3	134	
		17		20			3		
867	9.607 042		9.645 864		0.354 136	9.961 178		133	
868	9.607 059	17	9.645 885	21	0.354 115	9.961 174	4	132	
869	9.607 076	17	9.645 905	20	0.354 095	9.961 171	3	131	
		17		21			3		
.870	9.607 093		9.645 926		0.354 074	9.961 168		**.130**	
		17		20			4		
871	9.607 110		9.645 946		0.354 054	9.961 164		129	
872	9.607 128	18	9.645 967	21	0.354 033	9.961 161	3	128	
873	9.607 145	17	9.645 987	20	0.354 013	9.961 157	4	127	
		17		21			3		
874	9.607 162		9.646 008		0.353 992	9.961 154		126	
875	9.607 179	17	9.646 028	20	0.353 972	9.961 151	3	125	
876	9.607 196	17	9.646 049	21	0.353 951	9.961 147	4	124	
		17		20			3		
877	9.607 213		9.646 069		0.353 931	9.961 144		123	
878	9.607 230	17	9.646 090	21	0.353 910	9.961 141	3	122	
879	9.607 247	17	9.646 110	20	0.353 890	9.961 137	4	121	
		18		21			3		
.880	9.607 265		9.646 131		0.353 869	9.961 134		**.120**	
		17		20			3		
881	9.607 282		9.646 151		0.353 849	9.961 131		119	
882	9.607 299	17	9.646 172	21	0.353 828	9.961 127	4	118	
883	9.607 316	17	9.646 192	20	0.353 808	9.961 124	3	117	
		17		20			3		
884	9.607 333		9.646 212		0.353 788	9.961 121		116	
885	9.607 350	17	9.646 233	21	0.353 767	9.961 117	4	115	
886	9.607 367	17	9.646 253	20	0.353 747	9.961 114	3	114	
		17		21			3		
887	9.607 384		9.646 274		0.353 726	9.961 111		113	
888	9.607 402	18	9.646 294	20	0.353 706	9.961 107	4	112	
889	9.607 419	17	9.646 315	21	0.353 685	9.961 104	3	111	
		17		20			4		
.890	9.607 436		9.646 335		0.353 665	9.961 100		**.110**	
		17		21			3		
891	9.607 453		9.646 356		0.353 644	9.961 097		109	
892	9.607 470	17	9.646 376	20	0.353 624	9.961 094	3	108	
893	9.607 487	17	9.646 397	21	0.353 603	9.961 090	4	107	
		17		20			3		
894	9.607 504		9.646 417		0.353 583	9.961 087		106	
895	9.607 521	17	9.646 438	21	0.353 562	9.961 084	3	105	
896	9.607 538	17	9.646 458	20	0.353 542	9.961 080	4	104	
		18		21			3		
897	9.607 556		9.646 479		0.353 521	9.961 077		103	
898	9.607 573	17	9.646 499	20	0.353 501	9.961 074	3	102	
899	9.607 590	17	9.646 520	21	0.353 480	9.961 070	4	101	
		17		20			3		
.900	9.607 607		9.646 540		0.353 460	9.961 067		**.100**	
	cos	d	cotg	d	tang	sin	d	**66°**	P.P.

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9	15.3

66°.150 — 66°.100

23°.900 — 23°.950

23°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.607 607		9.646 540		0.353 460	9.961 067		**.100**	
		17		20			4		
901	9.607 624		9.646 560		0.353 440	9.961 063		099	
902	9.607 641	17	9.646 581	21	0.353 419	9.961 060	3	098	
903	9.607 658	17	9.646 601	20	0.353 399	9.961 057	3	097	
		17		21			4		
904	9.607 675		9.646 622		0.353 378	9.961 053		096	
905	9.607 692	17	9.646 642	20	0.353 358	9.961 050	3	095	
906	9.607 709	17	9.646 663	21	0.353 337	9.961 047	3	094	
		18		20			4		
907	9.607 727		9.646 683		0.353 317	9.961 043		093	
908	9.607 744	17	9.646 704	21	0.353 296	9.961 040	3	092	
909	9.607 761	17	9.646 724	20	0.353 276	9.961 037	3	091	
		17		21			4		
.910	9.607 778		9.646 745		0.353 255	9.961 033		**.090**	
		17		20			3		
911	9.607 795		9.646 765		0.353 235	9.961 030		089	
912	9.607 812	17	9.646 785	20	0.353 215	9.961 027	3	088	
913	9.607 829	17	9.646 806	21	0.353 194	9.961 023	4	087	
		17		20			3		
914	9.607 846		9.646 826		0.353 174	9.961 020		086	
915	9.607 863	17	9.646 847	21	0.353 153	9.961 016	4	085	
916	9.607 880	17	9.646 867	20	0.353 133	9.961 013	3	084	
		17		21			3		
917	9.607 897		9.646 888		0.353 112	9.961 010		083	
918	9.607 915	18	9.646 908	20	0.353 092	9.961 006	4	082	
919	9.607 932	17	9.646 929	21	0.353 071	9.961 003	3	081	
		17		20			3		
.920	9.607 949		9.646 949		0.353 051	9.961 000		**.080**	
		17		21			4		
921	9.607 966		9.646 970		0.353 030	9.960 996		079	
922	9.607 983	17	9.646 990	20	0.353 010	9.960 993	3	078	
923	9.608 000	17	9.647 010	20	0.352 990	9.960 990	3	077	
		17		21			4		
924	9.608 017		9.647 031		0.352 969	9.960 986		076	
925	9.608 034	17	9.647 051	20	0.352 949	9.960 983	3	075	
926	9.608 051	17	9.647 072	21	0.352 928	9.960 979	4	074	
		17		20			3		
927	9.608 068		9.647 092		0.352 908	9.960 976		073	
928	9.608 085	17	9.647 113	21	0.352 887	9.960 973	3	072	
929	9.608 103	18	9.647 133	20	0.352 867	9.960 969	4	071	
		17		21			3		
.930	9.608 120		9.647 154		0.352 846	9.960 966		**.070**	
		17		20			3		
931	9.608 137		9.647 174		0.352 826	9.960 963		069	
932	9.608 154	17	9.647 194	20	0.352 806	9.960 959	4	068	
933	9.608 171	17	9.647 215	21	0.352 785	9.960 956	3	067	
		17		20			3		
934	9.608 188		9.647 235		0.352 765	9.960 953		066	
935	9.608 205	17	9.647 256	21	0.352 744	9.960 949	4	065	
936	9.608 222	17	9.647 276	20	0.352 724	9.960 946	3	064	
		17		21			4		
937	9.608 239		9.647 297		0.352 703	9.960 942		063	
938	9.608 256	17	9.647 317	20	0.352 683	9.960 939	3	062	
939	9.608 273	17	9.647 338	21	0.352 662	9.960 936	3	061	
		17		20			4		
.940	9.608 290		9.647 358		0.352 642	9.960 932		**.060**	
		17		20			3		
941	9.608 307		9.647 378		0.352 622	9.960 929		059	
942	9.608 325	18	9.647 399	21	0.352 601	9.960 926	3	058	
943	9.608 342	17	9.647 419	20	0.352 581	9.960 922	4	057	
		17		21			3		
944	9.608 359		9.647 440		0.352 560	9.960 919		056	
945	9.608 376	17	9.647 460	20	0.352 540	9.960 916	3	055	
946	9.608 393	17	9.647 481	21	0.352 519	9.960 912	4	054	
		17		20			3		
947	9.608 410		9.647 501		0.352 499	9.960 909		053	
948	9.608 427	17	9.647 521	20	0.352 479	9.960 905	4	052	
949	9.608 444	17	9.647 542	21	0.352 458	9.960 902	3	051	
		17		20			3		
.950	9.608 461		9.647 562		0.352 438	9.960 899		**.050**	
	cos	d	cotg	d	tang	sin	d	**66°**	P.P.

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9	15.3

66°.100 — 66°.050

23°.950 — 24°.000

23°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.608 461		9.647 562		0.352 438	9.960 899		.050	
		17		21			4		
951	9.608 478		9.647 583		0.352 417	9.960 895		049	
		17		20			3		
952	9.608 495		9.647 603		0.352 397	9.960 892		048	
		17		21			3		
953	9.608 512		9.647 624		0.352 376	9.960 889		047	
		17		20			4		
954	9.608 529		9.647 644		0.352 356	9.960 885		046	
		17		21			3		
955	9.608 546		9.647 665		0.352 335	9.960 882		045	
		17		20			4		
956	9.608 563		9.647 685		0.352 315	9.960 878		044	
		17		20			3		
957	9.608 580		9.647 705		0.352 295	9.960 875		043	
		18		21			3		
958	9.608 598		9.647 726		0.352 274	9.960 872		042	
		17		20			4		
959	9.608 615		9.647 746		0.352 254	9.960 868		041	
		17		21			3		
.960	9.608 632		9.647 767		0.352 233	9.960 865		.040	
		17		20			3		
961	9.608 649		9.647 787		0.352 213	9.960 862		039	
		17		20			4		
962	9.608 666		9.647 807		0.352 193	9.960 858		038	
		17		21			3		
963	9.608 683		9.647 828		0.352 172	9.960 855		037	
		17		20			3		
964	9.608 700		9.647 848		0.352 152	9.960 852		036	
		17		21			4		
965	9.608 717		9.647 869		0.352 131	9.960 848		035	
		17		20			3		
966	9.608 734		9.647 889		0.352 111	9.960 845		034	
		17		21			4		
967	9.608 751		9.647 910		0.352 090	9.960 841		033	
		17		20			3		
968	9.608 768		9.647 930		0.352 070	9.960 838		032	
		17		20			3		
969	9.608 785		9.647 950		0.352 050	9.960 835		031	
		17		21			4		
.970	9.608 802		9.647 971		0.352 029	9.960 831		.030	
		17		20			3		
971	9.608 819		9.647 991		0.352 009	9.960 828		029	
		17		21			3		
972	9.608 836		9.648 012		0.351 988	9.960 825		028	
		17		20			4		
973	9.608 853		9.648 032		0.351 968	9.960 821		027	
		17		21			3		
974	9.608 870		9.648 053		0.351 947	9.960 818		026	
		17		20			4		
975	9.608 887		9.648 073		0.351 927	9.960 814		025	
		17		20			3		
976	9.608 904		9.648 093		0.351 907	9.960 811		024	
		18		21			3		
977	9.608 922		9.648 114		0.351 886	9.960 808		023	
		17		20			4		
978	9.608 939		9.648 134		0.351 866	9.960 804		022	
		17		21			3		
979	9.608 956		9.648 155		0.351 845	9.960 801		021	
		17		20			3		
.980	9.608 973		9.648 175		0.351 825	9.960 798		.020	
		17		20			4		
981	9.608 990		9.648 195		0.351 805	9.960 794		019	
		17		21			3		
982	9.609 007		9.648 216		0.351 784	9.960 791		018	
		17		20			3		
983	9.609 024		9.648 236		0.351 764	9.960 788		017	
		17		21			4		
984	9.609 041		9.648 257		0.351 743	9.960 784		016	
		17		20			3		
985	9.609 058		9.648 277		0.351 723	9.960 781		015	
		17		20			4		
986	9.609 075		9.648 297		0.351 703	9.960 777		014	
		17		21			3		
987	9.609 092		9.648 318		0.351 682	9.960 774		013	
		17		20			3		
988	9.609 109		9.648 338		0.351 662	9.960 771		012	
		17		21			4		
989	9.609 126		9.648 359		0.351 641	9.960 767		011	
		17		20			3		
.990	9.609 143		9.648 379		0.351 621	9.960 764		.010	
		17		21			3		
991	9.609 160		9.648 400		0.351 600	9.960 761		009	
		17		20			4		
992	9.609 177		9.648 420		0.351 580	9.960 757		008	
		17		20			3		
993	9.609 194		9.648 440		0.351 560	9.960 754		007	
		17		21			4		
994	9.609 211		9.648 461		0.351 539	9.960 750		006	
		17		20			3		
995	9.609 228		9.648 481		0.351 519	9.960 747		005	
		17		21			3		
996	9.609 245		9.648 502		0.351 498	9.960 744		004	
		17		20			4		
997	9.609 262		9.648 522		0.351 478	9.960 740		003	
		17		20			3		
998	9.609 279		9.648 542		0.351 458	9.960 737		002	
		17		21			3		
999	9.609 296		9.648 563		0.351 437	9.960 734		001	
		17		20			4		
*000	9.609 313		9.648 583		0.351 417	9.960 730		.000	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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7	11.9
8	13.6
9	15.3

66°.050 — 66°.000

24°.000 — 24°.050

24°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.609 313		9.648 583		0.351 417	9.960 730		*000	
		17		21			3		
001	9.609 330		9.648 604		0.351 396	9.960 727		999	
002	9.609 347	17	9.648 624	20	0.351 376	9.960 723	4	998	
003	9.609 364	17	9.648 644	20	0.351 356	9.960 720	3	997	
		17		21			3		
004	9.609 381		9.648 665		0.351 335	9.960 717		996	
005	9.609 398	17	9.648 685	20	0.351 315	9.960 713	4	995	
006	9.609 415	17	9.648 706	21	0.351 294	9.960 710	3	994	
		17		20			3		
007	9.609 432		9.648 726		0.351 274	9.960 707		993	
008	9.609 449	17	9.648 746	20	0.351 254	9.960 703	4	992	
009	9.609 466	17	9.648 767	21	0.351 233	9.960 700	3	991	
		18		20			4		
.010	9.609 484		9.648 787		0.351 213	9.960 696		.990	
		17		20			3		
011	9.609 501		9.648 807		0.351 193	9.960 693		989	
012	9.609 518	17	9.648 828	21	0.351 172	9.960 690	3	988	
013	9.609 535	17	9.648 848	20	0.351 152	9.960 686	4	987	
		17		21			3		
014	9.609 552		9.648 869		0.351 131	9.960 683		986	
015	9.609 569	17	9.648 889	20	0.351 111	9.960 680	3	985	
016	9.609 586	17	9.648 909	20	0.351 091	9.960 676	4	984	
		17		21			3		
017	9.609 603		9.648 930		0.351 070	9.960 673		983	
018	9.609 620	17	9.648 950	20	0.351 050	9.960 669	4	982	
019	9.609 637	17	9.648 971	21	0.351 029	9.960 666	3	981	
		17		20			3		
.020	9.609 654		9.648 991		0.351 009	9.960 663		.980	
		17		20			4		
021	9.609 671		9.649 011		0.350 989	9.960 659		979	
022	9.609 688	17	9.649 032	21	0.350 968	9.960 656	3	978	
023	9.609 705	17	9.649 052	20	0.350 948	9.960 653	3	977	
		17		21			4		
024	9.609 722		9.649 073		0.350 927	9.960 649		976	
025	9.609 739	17	9.649 093	20	0.350 907	9.960 646	3	975	
026	9.609 756	17	9.649 113	20	0.350 887	9.960 642	4	974	
		17		21			3		
027	9.609 773		9.649 134		0.350 866	9.960 639		973	
028	9.609 790	17	9.649 154	20	0.350 846	9.960 636	3	972	
029	9.609 807	17	9.649 174	20	0.350 826	9.960 632	4	971	
		17		21			3		
.030	9.609 824		9.649 195		0.350 805	9.960 629		.970	
		17		20			4		
031	9.609 841		9.649 215		0.350 785	9.960 625		969	
032	9.609 858	17	9.649 236	21	0.350 764	9.960 622	3	968	
033	9.609 875	17	9.649 256	20	0.350 744	9.960 619	3	967	
		17		20			4		
034	9.609 892		9.649 276		0.350 724	9.960 615		966	
035	9.609 909	17	9.649 297	21	0.350 703	9.960 612	3	965	
036	9.609 926	17	9.649 317	20	0.350 683	9.960 609	3	964	
		17		20			4		
037	9.609 943		9.649 337		0.350 663	9.960 605		963	
038	9.609 960	17	9.649 358	21	0.350 642	9.960 602	3	962	
039	9.609 977	17	9.649 378	20	0.350 622	9.960 598	4	961	
		17		21			3		
.040	9.609 994		9.649 399		0.350 601	9.960 595		.960	
		17		20			3		
041	9.610 011		9.649 419		0.350 581	9.960 592		959	
042	9.610 028	17	9.649 439	20	0.350 561	9.960 588	4	958	
043	9.610 045	17	9.649 460	21	0.350 540	9.960 585	3	957	
		17		20			3		
044	9.610 062		9.649 480		0.350 520	9.960 582		956	
045	9.610 079	17	9.649 500	20	0.350 500	9.960 578	4	955	
046	9.610 096	17	9.649 521	21	0.350 479	9.960 575	3	954	
		17		20			4		
047	9.610 113		9.649 541		0.350 459	9.960 571		953	
048	9.610 130	17	9.649 562	21	0.350 438	9.960 568	3	952	
049	9.610 147	17	9.649 582	20	0.350 418	9.960 565	3	951	
		17		20			4		
.050	9.610 164		9.649 602		0.350 398	9.960 561		.950	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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66°.000 — 65°.950

24°.050 — 24°.100

24°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.610 164		9.649 602		0.350 398	9.960 561		.950	
		17		21			3		
051	9.610 181		9.649 623		0.350 377	9.960 558		949	
052	9.610 198	17	9.649 643	20	0.350 357	9.960 554	4	948	
053	9.610 214	16	9.649 663	20	0.350 337	9.960 551	3	947	
		17		21			3		
054	9.610 231		9.649 684		0.350 316	9.960 548		946	
055	9.610 248	17	9.649 704	20	0.350 296	9.960 544	4	945	
056	9.610 265	17	9.649 725	21	0.350 275	9.960 541	3	944	
		17		20			3		
057	9.610 282		9.649 745		0.350 255	9.960 538		943	
058	9.610 299	17	9.649 765	20	0.350 235	9.960 534	4	942	
059	9.610 316	17	9.649 786	21	0.350 214	9.960 531	3	941	
		17		20			4		
.060	9.610 333		9.649 806		0.350 194	9.960 527		.940	
		17		20			3		
061	9.610 350		9.649 826		0.350 174	9.960 524		939	
062	9.610 367	17	9.649 847	21	0.350 153	9.960 521	3	938	
063	9.610 384	17	9.649 867	20	0.350 133	9.960 517	4	937	
		17		20			3		
064	9.610 401		9.649 887		0.350 113	9.960 514		936	
065	9.610 418	17	9.649 908	21	0.350 092	9.960 510	4	935	
066	9.610 435	17	9.649 928	20	0.350 072	9.960 507	3	934	
		17		20			3		
067	9.610 452		9.649 948		0.350 052	9.960 504		933	
068	9.610 469	17	9.649 969	21	0.350 031	9.960 500	4	932	
069	9.610 486	17	9.649 989	20	0.350 011	9.960 497	3	931	
		17		21			3		
.070	9.610 503		9.650 010		0.349 990	9.960 494		.930	
		17		20			4		
071	9.610 520		9.650 030		0.349 970	9.960 490		929	
072	9.610 537	17	9.650 050	20	0.349 950	9.960 487	3	928	
073	9.610 554	17	9.650 071	21	0.349 929	9.960 483	4	927	
		17		20			3		
074	9.610 571		9.650 091		0.349 909	9.960 480		926	
075	9.610 588	17	9.650 111	20	0.349 889	9.960 477	3	925	
076	9.610 605	17	9.650 132	21	0.349 868	9.960 473	4	924	
		17		20			3		
077	9.610 622		9.650 152		0.349 848	9.960 470		923	
078	9.610 639	17	9.650 172	20	0.349 828	9.960 466	4	922	
079	9.610 656	17	9.650 193	21	0.349 807	9.960 463	3	921	
		17		20			3		
.080	9.610 673		9.650 213		0.349 787	9.960 460		.920	
		17		20			4		
081	9.610 690		9.650 233		0.349 767	9.960 456		919	
082	9.610 707	17	9.650 254	21	0.349 746	9.960 453	3	918	
083	9.610 724	17	9.650 274	20	0.349 726	9.960 450	3	917	
		17		20			4		
084	9.610 741		9.650 294		0.349 706	9.960 446		916	
085	9.610 758	17	9.650 315	21	0.349 685	9.960 443	3	915	
086	9.610 774	16	9.650 335	20	0.349 665	9.960 439	4	914	
		17		20			3		
087	9.610 791		9.650 355		0.349 645	9.960 436		913	
088	9.610 808	17	9.650 376	21	0.349 624	9.960 433	3	912	
089	9.610 825	17	9.650 396	20	0.349 604	9.960 429	4	911	
		17		20			3		
.090	9.610 842		9.650 416		0.349 584	9.960 426		.910	
		17		21			4		
091	9.610 859		9.650 437		0.349 563	9.960 422		909	
092	9.610 876	17	9.650 457	20	0.349 543	9.960 419	3	908	
093	9.610 893	17	9.650 478	21	0.349 522	9.960 416	3	907	
		17		20			4		
094	9.610 910		9.650 498		0.349 502	9.960 412		906	
095	9.610 927	17	9.650 518	20	0.349 482	9.960 409	3	905	
096	9.610 944	17	9.650 539	21	0.349 461	9.960 405	4	904	
		17		20			3		
097	9.610 961		9.650 559		0.349 441	9.960 402		903	
098	9.610 978	17	9.650 579	20	0.349 421	9.960 399	3	902	
099	9.610 995	17	9.650 600	21	0.349 400	9.960 395	4	901	
		17		20			3		
.100	9.611 012		9.650 620		0.349 380	9.960 392		.900	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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65°.950 — 65°.900

24°.100 — 24°.150

24°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.611 012		9.650 620		0.349 380	9.960 392		.900	
		17		20			3		
101	9.611 029		9.650 640		0.349 360	9.960 389		899	
102	9.611 046	17	9.650 661	21	0.349 339	9.960 385	4	898	
103	9.611 063	17	9.650 681	20	0.349 319	9.960 382	3	897	
		17		20			4		
104	9.611 080		9.650 701		0.349 299	9.960 378		896	
105	9.611 096	16	9.650 722	21	0.349 278	9.960 375	3	895	
106	9.611 113	17	9.650 742	20	0.349 258	9.960 372	3	894	
		17		20			4		
107	9.611 130		9.650 762		0.349 238	9.960 368		893	
108	9.611 147	17	9.650 783	21	0.349 217	9.960 365	3	892	
109	9.611 164	17	9.650 803	20	0.349 197	9.960 361	4	891	
		17		20			3		
.110	9.611 181		9.650 823		0.349 177	9.960 358		.890	
		17		21			3		
111	9.611 198		9.650 844		0.349 156	9.960 355		889	
112	9.611 215	17	9.650 864	20	0.349 136	9.960 351	4	888	
113	9.611 232	17	9.650 884	20	0.349 116	9.960 348	3	887	
		17		21			4		
114	9.611 249		9.650 905		0.349 095	9.960 344		886	
115	9.611 266	17	9.650 925	20	0.349 075	9.960 341	3	885	
116	9.611 283	17	9.650 945	20	0.349 055	9.960 338	3	884	
		17		21			4		
117	9.611 300		9.650 966		0.349 034	9.960 334		883	
118	9.611 317	17	9.650 986	20	0.349 014	9.960 331	3	882	
119	9.611 334	17	9.651 006	20	0.348 994	9.960 327	4	881	
		17		20			3		
.120	9.611 351		9.651 026		0.348 974	9.960 324		.880	
		16		21			3		
121	9.611 367		9.651 047		0.348 953	9.960 321		879	
122	9.611 384	17	9.651 067	20	0.348 933	9.960 317	4	878	
123	9.611 401	17	9.651 087	20	0.348 913	9.960 314	3	877	
		17		21			4		
124	9.611 418		9.651 108		0.348 892	9.960 310		876	
125	9.611 435	17	9.651 128	20	0.348 872	9.960 307	3	875	
126	9.611 452	17	9.651 148	20	0.348 852	9.960 304	3	874	
		17		21			4		
127	9.611 469		9.651 169		0.348 831	9.960 300		873	
128	9.611 486	17	9.651 189	20	0.348 811	9.960 297	3	872	
129	9.611 503	17	9.651 209	20	0.348 791	9.960 293	4	871	
		17		21			3		
.130	9.611 520		9.651 230		0.348 770	9.960 290		.870	
		17		20			3		
131	9.611 537		9.651 250		0.348 750	9.960 287		869	
132	9.611 554	17	9.651 270	20	0.348 730	9.960 283	4	868	
133	9.611 571	17	9.651 291	21	0.348 709	9.960 280	3	867	
		16		20			3		
134	9.611 587		9.651 311		0.348 689	9.960 277		866	
135	9.611 604	17	9.651 331	20	0.348 669	9.960 273	4	865	
136	9.611 621	17	9.651 352	21	0.348 648	9.960 270	3	864	
		17		20			4		
137	9.611 638		9.651 372		0.348 628	9.960 266		863	
138	9.611 655	17	9.651 392	20	0.348 608	9.960 263	3	862	
139	9.611 672	17	9.651 412	20	0.348 588	9.960 260	3	861	
		17		21			4		
.140	9.611 689		9.651 433		0.348 567	9.960 256		.860	
		17		20			3		
141	9.611 706		9.651 453		0.348 547	9.960 253		859	
142	9.611 723	17	9.651 473	20	0.348 527	9.960 249	4	858	
143	9.611 740	17	9.651 494	21	0.348 506	9.960 246	3	857	
		17		20			3		
144	9.611 757		9.651 514		0.348 486	9.960 243		856	
145	9.611 774	17	9.651 534	20	0.348 466	9.960 239	4	855	
146	9.611 790	16	9.651 555	21	0.348 445	9.960 236	3	854	
		17		20			4		
147	9.611 807		9.651 575		0.348 425	9.960 232		853	
148	9.611 824	17	9.651 595	20	0.348 405	9.960 229	3	852	
149	9.611 841	17	9.651 616	21	0.348 384	9.960 226	3	851	
		17		20			4		
.150	9.611 858		9.651 636		0.348 364	9.960 222		.850	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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65°.900 — 65°.850

24°.150 — 24°.200

24°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.611 858		9.651 636		0.348 364	9.960 222		.850	
		17		20			3		
151	9.611 875		9.651 656		0.348 344	9.960 219		849	
152	9.611 892	17	9.651 676	20	0.348 324	9.960 215	4	848	
153	9.611 909	17	9.651 697	21	0.348 303	9.960 212	3	847	
		17		20			3		
154	9.611 926		9.651 717		0.348 283	9.960 209		846	
155	9.611 943	17	9.651 737	20	0.348 263	9.960 205	4	845	
156	9.611 959	16	9.651 758	21	0.348 242	9.960 202	3	844	
		17		20			4		
157	9.611 976		9.651 778		0.348 222	9.960 198		843	
158	9.611 993	17	9.651 798	20	0.348 202	9.960 195	3	842	
159	9.612 010	17	9.651 819	21	0.348 181	9.960 192	3	841	
		17		20			4		
.160	9.612 027		9.651 839		0.348 161	9.960 188		.840	
		17		20			3		
161	9.612 044		9.651 859		0.348 141	9.960 185		839	
162	9.612 061	17	9.651 879	20	0.348 121	9.960 181	4	838	
163	9.612 078	17	9.651 900	21	0.348 100	9.960 178	3	837	
		17		20			3		
164	9.612 095		9.651 920		0.348 080	9.960 175		836	
165	9.612 112	17	9.651 940	20	0.348 060	9.960 171	4	835	
166	9.612 128	16	9.651 961	21	0.348 039	9.960 168	3	834	
		17		20			4		
167	9.612 145		9.651 981		0.348 019	9.960 164		833	
168	9.612 162	17	9.652 001	20	0.347 999	9.960 161	3	832	
169	9.612 179	17	9.652 022	21	0.347 978	9.960 158	3	831	
		17		20			4		
.170	9.612 196		9.652 042		0.347 958	9.960 154		.830	
		17		20			3		
171	9.612 213		9.652 062		0.347 938	9.960 151		829	
172	9.612 230	17	9.652 082	20	0.347 918	9.960 147	4	828	
173	9.612 247	17	9.652 103	21	0.347 897	9.960 144	3	827	
		17		20			3		
174	9.612 264		9.652 123		0.347 877	9.960 141		826	
175	9.612 280	16	9.652 143	20	0.347 857	9.960 137	4	825	
176	9.612 297	17	9.652 164	21	0.347 836	9.960 134	3	824	
		17		20			4		
177	9.612 314		9.652 184		0.347 816	9.960 130		823	
178	9.612 331	17	9.652 204	20	0.347 796	9.960 127	3	822	
179	9.612 348	17	9.652 224	20	0.347 776	9.960 124	3	821	
		17		21			4		
.180	9.612 365		9.652 245		0.347 755	9.960 120		.820	
		17		20			3		
181	9.612 382		9.652 265		0.347 735	9.960 117		819	
182	9.612 399	17	9.652 285	20	0.347 715	9.960 113	4	818	
183	9.612 415	16	9.652 306	21	0.347 694	9.960 110	3	817	
		17		20			3		
184	9.612 432		9.652 326		0.347 674	9.960 107		816	
185	9.612 449	17	9.652 346	20	0.347 654	9.960 103	4	815	
186	9.612 466	17	9.652 366	20	0.347 634	9.960 100	3	814	
		17		21			4		
187	9.612 483		9.652 387		0.347 613	9.960 096		813	
188	9.612 500	17	9.652 407	20	0.347 593	9.960 093	3	812	
189	9.612 517	17	9.652 427	20	0.347 573	9.960 089	4	811	
		17		21			3		
.190	9.612 534		9.652 448		0.347 552	9.960 086		.810	
		16		20			3		
191	9.612 550		9.652 468		0.347 532	9.960 083		809	
192	9.612 567	17	9.652 488	20	0.347 512	9.960 079	4	808	
193	9.612 584	17	9.652 508	20	0.347 492	9.960 076	3	807	
		17		21			4		
194	9.612 601		9.652 529		0.347 471	9.960 072		806	
195	9.612 618	17	9.652 549	20	0.347 451	9.960 069	3	805	
196	9.612 635	17	9.652 569	20	0.347 431	9.960 066	3	804	
		17		20			4		
197	9.612 652		9.652 589		0.347 411	9.960 062		803	
198	9.612 669	17	9.652 610	21	0.347 390	9.960 059	3	802	
199	9.612 685	16	9.652 630	20	0.347 370	9.960 055	4	801	
		17		20			3		
.200	9.612 702		9.652 650		0.347 350	9.960 052		.800	
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65°.850 — 65°.800

24°.200 — 24°.250

24°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.612 702		9.652 650		0.347 350	9.960 052		.800	
		17		21			3		
201	9.612 719		9.652 671		0.347 329	9.960 049		799	
202	9.612 736	17	9.652 691	20	0.347 309	9.960 045	4	798	
203	9.612 753	17	9.652 711	20	0.347 289	9.960 042	3	797	
		17		20			4		
204	9.612 770		9.652 731		0.347 269	9.960 038		796	
205	9.612 787	17	9.652 752	21	0.347 248	9.960 035	3	795	
206	9.612 804	17	9.652 772	20	0.347 228	9.960 032	3	794	
		16		20			4		
207	9.612 820		9.652 792		0.347 208	9.960 028		793	
208	9.612 837	17	9.652 812	20	0.347 188	9.960 025	3	792	
209	9.612 854	17	9.652 833	21	0.347 167	9.960 021	4	791	
		17		20			3		
.210	9.612 871		9.652 853		0.347 147	9.960 018		.790	
		17		20			3		
211	9.612 888		9.652 873		0.347 127	9.960 015		789	
212	9.612 905	17	9.652 894	21	0.347 106	9.960 011	4	788	
213	9.612 922	17	9.652 914	20	0.347 086	9.960 008	3	787	
		16		20			4		
214	9.612 938		9.652 934		0.347 066	9.960 004		786	
215	9.612 955	17	9.652 954	20	0.347 046	9.960 001	3	785	
216	9.612 972	17	9.652 975	21	0.347 025	9.959 998	3	784	
		17		20			4		
217	9.612 989		9.652 995		0.347 005	9.959 994		783	
218	9.613 006	17	9.653 015	20	0.346 985	9.959 991	3	782	
219	9.613 023	17	9.653 035	20	0.346 965	9.959 987	4	781	
		16		21			3		
.220	9.613 039		9.653 056		0.346 944	9.959 984		.780	
		17		20			4		
221	9.613 056		9.653 076		0.346 924	9.959 980		779	
222	9.613 073	17	9.653 096	20	0.346 904	9.959 977	3	778	
223	9.613 090	17	9.653 116	20	0.346 884	9.959 974	3	777	
		17		21			4		
224	9.613 107		9.653 137		0.346 863	9.959 970		776	
225	9.613 124	17	9.653 157	20	0.346 843	9.959 967	3	775	
226	9.613 141	17	9.653 177	20	0.346 823	9.959 963	4	774	
		16		20			3		
227	9.613 157		9.653 197		0.346 803	9.959 960		773	
228	9.613 174	17	9.653 218	21	0.346 782	9.959 957	3	772	
229	9.613 191	17	9.653 238	20	0.346 762	9.959 953	4	771	
		17		20			3		
.230	9.613 208		9.653 258		0.346 742	9.959 950		.770	
		17		20			4		
231	9.613 225		9.653 278		0.346 722	9.959 946		769	
232	9.613 242	17	9.653 299	21	0.346 701	9.959 943	3	768	
233	9.613 258	16	9.653 319	20	0.346 681	9.959 940	3	767	
		17		20			4		
234	9.613 275		9.653 339		0.346 661	9.959 936		766	
235	9.613 292	17	9.653 359	20	0.346 641	9.959 933	3	765	
236	9.613 309	17	9.653 380	21	0.346 620	9.959 929	4	764	
		17		20			3		
237	9.613 326		9.653 400		0.346 600	9.959 926		763	
238	9.613 343	17	9.653 420	20	0.346 580	9.959 922	4	762	
239	9.613 359	16	9.653 440	20	0.346 560	9.959 919	3	761	
		17		21			3		
.240	9.613 376		9.653 461		0.346 539	9.959 916		.760	
		17		20			4		
241	9.613 393		9.653 481		0.346 519	9.959 912		759	
242	9.613 410	17	9.653 501	20	0.346 499	9.959 909	3	758	
243	9.613 427	17	9.653 521	20	0.346 479	9.959 905	4	757	
		17		21			3		
244	9.613 444		9.653 542		0.346 458	9.959 902		756	
245	9.613 460	16	9.653 562	20	0.346 438	9.959 899	3	755	
246	9.613 477	17	9.653 582	20	0.346 418	9.959 895	4	754	
		17		20			3		
247	9.613 494		9.653 602		0.346 398	9.959 892		753	
248	9.613 511	17	9.653 623	21	0.346 377	9.959 888	4	752	
249	9.613 528	17	9.653 643	20	0.346 357	9.959 885	3	751	
		17		20			3		
.250	9.613 545		9.653 663		0.346 337	9.959 882		.750	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	16
1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

65°.800 — 65°.750

24°.250 — 24°.300

24°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.613 545		9.653 663		0.346 337	9.959 882		.750	
		16		20			4		
251	9.613 561		9.653 683		0.346 317	9.959 878		749	
252	9.613 578	17	9.653 704	21	0.346 296	9.959 875	3	748	
253	9.613 595	17	9.653 724	20	0.346 276	9.959 871	4	747	
		17		20			3		21
254	9.613 612		9.653 744		0.346 256	9.959 868		746	1 2.1
255	9.613 629	17	9.653 764	20	0.346 236	9.959 864	4	745	2 4.2
256	9.613 646	17	9.653 785	21	0.346 215	9.959 861	3	744	3 6.3
		16		20			3		4 8.4
257	9.613 662		9.653 805		0.346 195	9.959 858		743	5 10.5
258	9.613 679	17	9.653 825	20	0.346 175	9.959 854	4	742	6 12.6
259	9.613 696	17	9.653 845	20	0.346 155	9.959 851	3	741	7 14.7
		17		21			4		8 16.8
.260	9.613 713		9.653 866		0.346 134	9.959 847		.740	9 18.9
		17		20			3		
261	9.613 730		9.653 886		0.346 114	9.959 844		739	
262	9.613 747	17	9.653 906	20	0.346 094	9.959 841	3	738	
263	9.613 763	16	9.653 926	20	0.346 074	9.959 837	4	737	
		17		20			3		
264	9.613 780		9.653 946		0.346 054	9.959 834		736	
265	9.613 797	17	9.653 967	21	0.346 033	9.959 830	4	735	
266	9.613 814	17	9.653 987	20	0.346 013	9.959 827	3	734	20
		17		20			4		1 2.0
267	9.613 831		9.654 007		0.345 993	9.959 823		733	2 4.0
268	9.613 847	16	9.654 027	20	0.345 973	9.959 820	3	732	3 6.0
269	9.613 864	17	9.654 048	21	0.345 952	9.959 817	3	731	4 8.0
		17		20			4		5 10.0
.270	9.613 881		9.654 068		0.345 932	9.959 813		.730	6 12.0
		17		20			3		7 14.0
271	9.613 898		9.654 088		0.345 912	9.959 810		729	8 16.0
272	9.613 915	17	9.654 108	20	0.345 892	9.959 806	4	728	9 18.0
273	9.613 931	16	9.654 129	21	0.345 871	9.959 803	3	727	
		17		20			3		
274	9.613 948		9.654 149		0.345 851	9.959 800		726	
275	9.613 965	17	9.654 169	20	0.345 831	9.959 796	4	725	
276	9.613 982	17	9.654 189	20	0.345 811	9.959 793	3	724	
		17		20			4		
277	9.613 999		9.654 209		0.345 791	9.959 789		723	17
278	9.614 015	16	9.654 230	21	0.345 770	9.959 786	3	722	1 1.7
279	9.614 032	17	9.654 250	20	0.345 750	9.959 782	4	721	2 3.4
		17		20			3		3 5.1
.280	9.614 049		9.654 270		0.345 730	9.959 779		.720	4 6.8
		17		20			3		5 8.5
281	9.614 066		9.654 290		0.345 710	9.959 776		719	6 10.2
282	9.614 083	17	9.654 311	21	0.345 689	9.959 772	4	718	7 11.9
283	9.614 099	16	9.654 331	20	0.345 669	9.959 769	3	717	8 13.6
		17		20			4		9 15.3
284	9.614 116		9.654 351		0.345 649	9.959 765		716	
285	9.614 133	17	9.654 371	20	0.345 629	9.959 762	3	715	
286	9.614 150	17	9.654 391	20	0.345 609	9.959 758	4	714	
		17		21			3		
287	9.614 167		9.654 412		0.345 588	9.959 755		713	
288	9.614 183	16	9.654 432	20	0.345 568	9.959 752	3	712	
289	9.614 200	17	9.654 452	20	0.345 548	9.959 748	4	711	16
		17		20			3		
.290	9.614 217		9.654 472		0.345 528	9.959 745		.710	1 1.6
		17		20			4		2 3.2
291	9.614 234		9.654 492		0.345 508	9.959 741		709	3 4.8
292	9.614 251	17	9.654 513	21	0.345 487	9.959 738	3	708	4 6.4
293	9.614 267	16	9.654 533	20	0.345 467	9.959 735	3	707	5 8.0
		17		20			4		6 9.6
294	9.614 284		9.654 553		0.345 447	9.959 731		706	7 11.2
295	9.614 301	17	9.654 573	20	0.345 427	9.959 728	3	705	8 12.8
296	9.614 318	17	9.654 594	21	0.345 406	9.959 724	4	704	9 14.4
		17		20			3		
297	9.614 335		9.654 614		0.345 386	9.959 721		703	
298	9.614 351	16	9.654 634	20	0.345 366	9.959 717	4	702	
299	9.614 368	17	9.654 654	20	0.345 346	9.959 714	3	701	
		17		20			3		
.300	9.614 385		9.654 674		0.345 326	9.959 711		.700	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.750 — 65°.700

24°.300 — 24°.350

24°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.614 385	17	9.654 674	21	0.345 326	9.959 711	4	.700	
301	9.614 402	17	9.654 695	20	0.345 305	9.959 707	3	699	
302	9.614 419	16	9.654 715	20	0.345 285	9.959 704	4	698	
303	9.614 435	17	9.654 735	20	0.345 265	9.959 700	3	697	
304	9.614 452	17	9.654 755	20	0.345 245	9.959 697	4	696	
305	9.614 469	17	9.654 775	21	0.345 225	9.959 693	3	695	
306	9.614 486	16	9.654 796	20	0.345 204	9.959 690	3	694	
307	9.614 502	17	9.654 816	20	0.345 184	9.959 687	4	693	
308	9.614 519	17	9.654 836	20	0.345 164	9.959 683	3	692	
309	9.614 536	17	9.654 856	20	0.345 144	9.959 680	4	691	
.310	9.614 553	17	9.654 876	21	0.345 124	9.959 676	3	.690	
311	9.614 570	16	9.654 897	20	0.345 103	9.959 673	3	689	
312	9.614 586	17	9.654 917	20	0.345 083	9.959 670	4	688	
313	9.614 603	17	9.654 937	20	0.345 063	9.959 666	3	687	
314	9.614 620	17	9.654 957	20	0.345 043	9.959 663	4	686	
315	9.614 637	16	9.654 977	21	0.345 023	9.959 659	3	685	
316	9.614 653	17	9.654 998	20	0.345 002	9.959 656	4	684	
317	9.614 670	17	9.655 018	20	0.344 982	9.959 652	3	683	
318	9.614 687	17	9.655 038	20	0.344 962	9.959 649	3	682	
319	9.614 704	17	9.655 058	20	0.344 942	9.959 646	4	681	
.320	9.614 721	16	9.655 078	21	0.344 922	9.959 642	3	.680	
321	9.614 737	17	9.655 099	20	0.344 901	9.959 639	4	679	
322	9.614 754	17	9.655 119	20	0.344 881	9.959 635	3	678	
323	9.614 771	17	9.655 139	20	0.344 861	9.959 632	4	677	
324	9.614 788	16	9.655 159	20	0.344 841	9.959 628	3	676	
325	9.614 804	17	9.655 179	21	0.344 821	9.959 625	3	675	
326	9.614 821	17	9.655 200	20	0.344 800	9.959 622	4	674	
327	9.614 838	17	9.655 220	20	0.344 780	9.959 618	3	673	
328	9.614 855	17	9.655 240	20	0.344 760	9.959 615	4	672	
329	9.614 872	16	9.655 260	20	0.344 740	9.959 611	3	671	
.330	9.614 888	17	9.655 280	21	0.344 720	9.959 608	4	.670	
331	9.614 905	17	9.655 301	20	0.344 699	9.959 604	3	669	
332	9.614 922	17	9.655 321	20	0.344 679	9.959 601	3	668	
333	9.614 939	16	9.655 341	20	0.344 659	9.959 598	4	667	
334	9.614 955	17	9.655 361	20	0.344 639	9.959 594	3	666	
335	9.614 972	17	9.655 381	21	0.344 619	9.959 591	4	665	
336	9.614 989	17	9.655 402	20	0.344 598	9.959 587	3	664	
337	9.615 006	16	9.655 422	20	0.344 578	9.959 584	4	663	
338	9.615 022	17	9.655 442	20	0.344 558	9.959 580	3	662	
339	9.615 039	17	9.655 462	20	0.344 538	9.959 577	3	661	
.340	9.615 056	17	9.655 482	20	0.344 518	9.959 574	4	.660	
341	9.615 073	16	9.655 502	21	0.344 498	9.959 570	3	659	
342	9.615 089	17	9.655 523	20	0.344 477	9.959 567	4	658	
343	9.615 106	17	9.655 543	20	0.344 457	9.959 563	3	657	
344	9.615 123	17	9.655 563	20	0.344 437	9.959 560	4	656	
345	9.615 140	16	9.655 583	20	0.344 417	9.959 556	3	655	
346	9.615 156	17	9.655 603	21	0.344 397	9.959 553	3	654	
347	9.615 173	17	9.655 624	20	0.344 376	9.959 550	4	653	
348	9.615 190	17	9.655 644	20	0.344 356	9.959 546	3	652	
349	9.615 207	16	9.655 664	20	0.344 336	9.959 543	4	651	
.350	9.615 223		9.655 684		0.344 316	9.959 539		.650	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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7	14.0
8	16.0
9	18.0

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	16
1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

65°.700 — 65°.650

24°.350 — 24°.400

24°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.615 223		9.655 684		0.344 316	9.959 539		.650	
		17		20			3		
351	9.615 240		9.655 704		0.344 296	9.959 536		649	
		17		20			4		
352	9.615 257		9.655 724		0.344 276	9.959 532		648	
		17		21			3		
353	9.615 274		9.655 745		0.344 255	9.959 529		647	
		16		20			3		
354	9.615 290		9.655 765		0.344 235	9.959 526		646	
		17		20			4		
355	9.615 307		9.655 785		0.344 215	9.959 522		645	
		17		20			3		
356	9.615 324		9.655 805		0.344 195	9.959 519		644	
		17		20			4		
357	9.615 341		9.655 825		0.344 175	9.959 515		643	
		16		21			3		
358	9.615 357		9.655 846		0.344 154	9.959 512		642	
		17		20			4		
359	9.615 374		9.655 866		0.344 134	9.959 508		641	
		17		20			3		
.360	9.615 391		9.655 886		0.344 114	9.959 505		.640	
		17		20			3		
361	9.615 408		9.655 906		0.344 094	9.959 502		639	
		16		20			4		
362	9.615 424		9.655 926		0.344 074	9.959 498		638	
		17		20			3		
363	9.615 441		9.655 946		0.344 054	9.959 495		637	
		17		21			4		
364	9.615 458		9.655 967		0.344 033	9.959 491		636	
		17		20			3		
365	9.615 475		9.655 987		0.344 013	9.959 488		635	
		16		20			4		
366	9.615 491		9.656 007		0.343 993	9.959 484		634	
		17		20			3		
367	9.615 508		9.656 027		0.343 973	9.959 481		633	
		17		20			4		
368	9.615 525		9.656 047		0.343 953	9.959 477		632	
		16		20			3		
369	9.615 541		9.656 067		0.343 933	9.959 474		631	
		17		21			3		
.370	9.615 558		9.656 088		0.343 912	9.959 471		.630	
		17		20			4		
371	9.615 575		9.656 108		0.343 892	9.959 467		629	
		17		20			3		
372	9.615 592		9.656 128		0.343 872	9.959 464		628	
		16		20			4		
373	9.615 608		9.656 148		0.343 852	9.959 460		627	
		17		20			3		
374	9.615 625		9.656 168		0.343 832	9.959 457		626	
		17		20			4		
375	9.615 642		9.656 188		0.343 812	9.959 453		625	
		17		21			3		
376	9.615 659		9.656 209		0.343 791	9.959 450		624	
		16		20			3		
377	9.615 675		9.656 229		0.343 771	9.959 447		623	
		17		20			4		
378	9.615 692		9.656 249		0.343 751	9.959 443		622	
		17		20			3		
379	9.615 709		9.656 269		0.343 731	9.959 440		621	
		17		20			4		
.380	9.615 726		9.656 289		0.343 711	9.959 436		.620	
		16		20			3		
381	9.615 742		9.656 309		0.343 691	9.959 433		619	
		17		21			4		
382	9.615 759		9.656 330		0.343 670	9.959 429		618	
		17		20			3		
383	9.615 776		9.656 350		0.343 650	9.959 426		617	
		16		20			3		
384	9.615 792		9.656 370		0.343 630	9.959 423		616	
		17		20			4		
385	9.615 809		9.656 390		0.343 610	9.959 419		615	
		17		20			3		
386	9.615 826		9.656 410		0.343 590	9.959 416		614	
		17		20			4		
387	9.615 843		9.656 430		0.343 570	9.959 412		613	
		16		20			3		
388	9.615 859		9.656 450		0.343 550	9.959 409		612	
		17		21			4		
389	9.615 876		9.656 471		0.343 529	9.959 405		611	
		17		20			3		
.390	9.615 893		9.656 491		0.343 509	9.959 402		.610	
		16		20			4		
391	9.615 909		9.656 511		0.343 489	9.959 398		609	
		17		20			3		
392	9.615 926		9.656 531		0.343 469	9.959 395		608	
		17		20			3		
393	9.615 943		9.656 551		0.343 449	9.959 392		607	
		17		20			4		
394	9.615 960		9.656 571		0.343 429	9.959 388		606	
		16		21			3		
395	9.615 976		9.656 592		0.343 408	9.959 385		605	
		17		20			4		
396	9.615 993		9.656 612		0.343 388	9.959 381		604	
		17		20			3		
397	9.616 010		9.656 632		0.343 368	9.959 378		603	
		16		20			4		
398	9.616 026		9.656 652		0.343 348	9.959 374		602	
		17		20			3		
399	9.616 043		9.656 672		0.343 328	9.959 371		601	
		17		20			3		
.400	9.616 060		9.656 692		0.343 308	9.959 368		.600	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	16
1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

65°.650 — 65°.600

24°.400 — 24°.450

24°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.616 060		9.656 692		0.343 308	9.959 368		.600	
		17		20			4		
401	9.616 077		9.656 712		0.343 288	9.959 364		599	
402	9.616 093	16	9.656 733	21	0.343 267	9.959 361	3	598	
403	9.616 110	17	9.656 753	20	0.343 247	9.959 357	4	597	
		17		20			3		21
404	9.616 127		9.656 773		0.343 227	9.959 354		596	1 2.1
405	9.616 143	16	9.656 793	20	0.343 207	9.959 350	4	595	2 4.2
406	9.616 160	17	9.656 813	20	0.343 187	9.959 347	3	594	3 6.3
		17		20			4		4 8.4
407	9.616 177		9.656 833		0.343 167	9.959 343		593	5 10.5
408	9.616 194	17	9.656 853	20	0.343 147	9.959 340	3	592	6 12.6
409	9.616 210	16	9.656 874	21	0.343 126	9.959 337	3	591	7 14.7
		17		20			4		8 16.8
.410	9.616 227		9.656 894		0.343 106	9.959 333		.590	9 18.9
		17		20			3		
411	9.616 244		9.656 914		0.343 086	9.959 330		589	
412	9.616 260	16	9.656 934	20	0.343 066	9.959 326	4	588	
413	9.616 277	17	9.656 954	20	0.343 046	9.959 323	3	587	
		17		20			4		
414	9.616 294		9.656 974		0.343 026	9.959 319		586	
415	9.616 310	16	9.656 994	20	0.343 006	9.959 316	3	585	
416	9.616 327	17	9.657 015	21	0.342 985	9.959 313	3	584	20
		17		20			4		1 2.0
417	9.616 344		9.657 035		0.342 965	9.959 309		583	2 4.0
418	9.616 361	17	9.657 055	20	0.342 945	9.959 306	3	582	3 6.0
419	9.616 377	16	9.657 075	20	0.342 925	9.959 302	4	581	4 8.0
		17		20			3		5 10.0
.420	9.616 394		9.657 095		0.342 905	9.959 299		.580	6 12.0
		17		20			4		7 14.0
421	9.616 411		9.657 115		0.342 885	9.959 295		579	8 16.0
422	9.616 427	16	9.657 135	20	0.342 865	9.959 292	3	578	9 18.0
423	9.616 444	17	9.657 156	21	0.342 844	9.959 288	4	577	
		17		20			3		
424	9.616 461		9.657 176		0.342 824	9.959 285		576	
425	9.616 477	16	9.657 196	20	0.342 804	9.959 282	3	575	
426	9.616 494	17	9.657 216	20	0.342 784	9.959 278	4	574	
		17		20			3		
427	9.616 511		9.657 236		0.342 764	9.959 275		573	17
428	9.616 527	16	9.657 256	20	0.342 744	9.959 271	4	572	1 1.7
429	9.616 544	17	9.657 276	20	0.342 724	9.959 268	3	571	2 3.4
		17		20			4		3 5.1
.430	9.616 561		9.657 296		0.342 704	9.959 264		.570	4 6.8
		16		21			3		5 8.5
431	9.616 577		9.657 317		0.342 683	9.959 261		569	6 10.2
432	9.616 594	17	9.657 337	20	0.342 663	9.959 257	4	568	7 11.9
433	9.616 611	17	9.657 357	20	0.342 643	9.959 254	3	567	8 13.6
		17		20			3		9 15.3
434	9.616 628		9.657 377		0.342 623	9.959 251		566	
435	9.616 644	16	9.657 397	20	0.342 603	9.959 247	4	565	
436	9.616 661	17	9.657 417	20	0.342 583	9.959 244	3	564	
		17		20			4		
437	9.616 678		9.657 437		0.342 563	9.959 240		563	
438	9.616 694	16	9.657 457	20	0.342 543	9.959 237	3	562	
439	9.616 711	17	9.657 478	21	0.342 522	9.959 233	4	561	16
		17		20			3		
.440	9.616 728		9.657 498		0.342 502	9.959 230		.560	1 1.6
		16		20			4		2 3.2
441	9.616 744		9.657 518		0.342 482	9.959 226		559	3 4.8
442	9.616 761	17	9.657 538	20	0.342 462	9.959 223	3	558	4 6.4
443	9.616 778	17	9.657 558	20	0.342 442	9.959 220	3	557	5 8.0
		16		20			4		6 9.6
444	9.616 794		9.657 578		0.342 422	9.959 216		556	7 11.2
445	9.616 811	17	9.657 598	20	0.342 402	9.959 213	3	555	8 12.8
446	9.616 828	17	9.657 618	20	0.342 382	9.959 209	4	554	9 14.4
		16		21			3		
447	9.616 844		9.657 639		0.342 361	9.959 206		553	
448	9.616 861	17	9.657 659	20	0.342 341	9.959 202	4	552	
449	9.616 878	17	9.657 679	20	0.342 321	9.959 199	3	551	
		16		20			4		
.450	9.616 894		9.657 699		0.342 301	9.959 195		.550	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.600 — 65°.550

24°.450 — 24°.500

24°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.616 894		9.657 699		0.342 301	9.959 195		**.550**	
		17		20			3		
451	9.616 911		9.657 719		0.342 281	9.959 192		549	
		17		20			3		
452	9.616 928		9.657 739		0.342 261	9.959 189		548	
		16		20			4		
453	9.616 944		9.657 759		0.342 241	9.959 185		547	
		17		20			3		
454	9.616 961		9.657 779		0.342 221	9.959 182		546	
		17		21			4		
455	9.616 978		9.657 800		0.342 200	9.959 178		545	
		16		20			3		
456	9.616 994		9.657 820		0.342 180	9.959 175		544	
		17		20			4		
457	9.617 011		9.657 840		0.342 160	9.959 171		543	
		17		20			3		
458	9.617 028		9.657 860		0.342 140	9.959 168		542	
		16		20			4		
459	9.617 044		9.657 880		0.342 120	9.959 164		541	
		17		20			3		
.460	9.617 061		9.657 900		0.342 100	9.959 161		**.540**	
		17		20			3		
461	9.617 078		9.657 920		0.342 080	9.959 158		539	
		16		20			4		
462	9.617 094		9.657 940		0.342 060	9.959 154		538	
		17		20			3		
463	9.617 111		9.657 960		0.342 040	9.959 151		537	
		17		21			4		
464	9.617 128		9.657 981		0.342 019	9.959 147		536	
		16		20			3		
465	9.617 144		9.658 001		0.341 999	9.959 144		535	
		17		20			4		
466	9.617 161		9.658 021		0.341 979	9.959 140		534	
		17		20			3		
467	9.617 178		9.658 041		0.341 959	9.959 137		533	
		16		20			4		
468	9.617 194		9.658 061		0.341 939	9.959 133		532	
		17		20			3		
469	9.617 211		9.658 081		0.341 919	9.959 130		531	
		17		20			4		
.470	9.617 228		9.658 101		0.341 899	9.959 126		**.530**	
		16		20			3		
471	9.617 244		9.658 121		0.341 879	9.959 123		529	
		17		20			3		
472	9.617 261		9.658 141		0.341 859	9.959 120		528	
		17		20			4		
473	9.617 278		9.658 161		0.341 839	9.959 116		527	
		16		21			3		
474	9.617 294		9.658 182		0.341 818	9.959 113		526	
		17		20			4		
475	9.617 311		9.658 202		0.341 798	9.959 109		525	
		17		20			3		
476	9.617 328		9.658 222		0.341 778	9.959 106		524	
		16		20			4		
477	9.617 344		9.658 242		0.341 758	9.959 102		523	
		17		20			3		
478	9.617 361		9.658 262		0.341 738	9.959 099		522	
		17		20			4		
479	9.617 378		9.658 282		0.341 718	9.959 095		521	
		16		20			3		
.480	9.617 394		9.658 302		0.341 698	9.959 092		**.520**	
		17		20			3		
481	9.617 411		9.658 322		0.341 678	9.959 089		519	
		16		20			4		
482	9.617 427		9.658 342		0.341 658	9.959 085		518	
		17		20			3		
483	9.617 444		9.658 362		0.341 638	9.959 082		517	
		17		21			4		
484	9.617 461		9.658 383		0.341 617	9.959 078		516	
		16		20			3		
485	9.617 477		9.658 403		0.341 597	9.959 075		515	
		17		20			4		
486	9.617 494		9.658 423		0.341 577	9.959 071		514	
		17		20			3		
487	9.617 511		9.658 443		0.341 557	9.959 068		513	
		16		20			4		
488	9.617 527		9.658 463		0.341 537	9.959 064		512	
		17		20			3		
489	9.617 544		9.658 483		0.341 517	9.959 061		511	
		17		20			4		
.490	9.617 561		9.658 503		0.341 497	9.959 057		**.510**	
		16		20			3		
491	9.617 577		9.658 523		0.341 477	9.959 054		509	
		17		20			3		
492	9.617 594		9.658 543		0.341 457	9.959 051		508	
		17		20			4		
493	9.617 611		9.658 563		0.341 437	9.959 047		507	
		16		21			3		
494	9.617 627		9.658 584		0.341 416	9.959 044		506	
		17		20			4		
495	9.617 644		9.658 604		0.341 396	9.959 040		505	
		16		20			3		
496	9.617 660		9.658 624		0.341 376	9.959 037		504	
		17		20			4		
497	9.617 677		9.658 644		0.341 356	9.959 033		503	
		17		20			3		
498	9.617 694		9.658 664		0.341 336	9.959 030		502	
		16		20			4		
499	9.617 710		9.658 684		0.341 316	9.959 026		501	
		17		20			3		
.500	9.617 727		9.658 704		0.341 296	9.959 023		**.500**	
	cos	d	cotg	d	tang	sin	d	**65°**	P.P.

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1	2.1
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7	14.0
8	16.0
9	18.0

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2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

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1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

65°.550 — 65°.500

24°.500 — 24°.550

24°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.617 727		9.658 704		0.341 296	9.959 023		.500	
		17		20			4		
501	9.617 744		9.658 724		0.341 276	9.959 019		499	
502	9.617 760	16	9.658 744	20	0.341 256	9.959 016	3	498	
503	9.617 777	17	9.658 764	20	0.341 236	9.959 013	3	497	
		16		20			4		
504	9.617 793		9.658 784		0.341 216	9.959 009		496	
505	9.617 810	17	9.658 804	20	0.341 196	9.959 006	3	495	
506	9.617 827	17	9.658 825	21	0.341 175	9.959 002	4	494	
		16		20			3		
507	9.617 843		9.658 845		0.341 155	9.958 999		493	
508	9.617 860	17	9.658 865	20	0.341 135	9.958 995	4	492	
509	9.617 877	17	9.658 885	20	0.341 115	9.958 992	3	491	
		16		20			4		
.510	9.617 893		9.658 905		0.341 095	9.958 988		.490	
		17		20			3		
511	9.617 910		9.658 925		0.341 075	9.958 985		489	
512	9.617 926	16	9.658 945	20	0.341 055	9.958 981	4	488	
513	9.617 943	17	9.658 965	20	0.341 035	9.958 978	3	487	
		17		20			3		
514	9.617 960		9.658 985		0.341 015	9.958 975		486	
515	9.617 976	16	9.659 005	20	0.340 995	9.958 971	4	485	
516	9.617 993	17	9.659 025	20	0.340 975	9.958 968	3	484	
		17		20			4		
517	9.618 010		9.659 045		0.340 955	9.958 964		483	
518	9.618 026	16	9.659 066	21	0.340 934	9.958 961	3	482	
519	9.618 043	17	9.659 086	20	0.340 914	9.958 957	4	481	
		16		20			3		
.520	9.618 059		9.659 106		0.340 894	9.958 954		.480	
		17		20			4		
521	9.618 076		9.659 126		0.340 874	9.958 950		479	
522	9.618 093	17	9.659 146	20	0.340 854	9.958 947	3	478	
523	9.618 109	16	9.659 166	20	0.340 834	9.958 943	4	477	
		17		20			3		
524	9.618 126		9.659 186		0.340 814	9.958 940		476	
525	9.618 143	17	9.659 206	20	0.340 794	9.958 937	3	475	
526	9.618 159	16	9.659 226	20	0.340 774	9.958 933	4	474	
		17		20			3		
527	9.618 176		9.659 246		0.340 754	9.958 930		473	
528	9.618 192	16	9.659 266	20	0.340 734	9.958 926	4	472	
529	9.618 209	17	9.659 286	20	0.340 714	9.958 923	3	471	
		17		20			4		
.530	9.618 226		9.659 306		0.340 694	9.958 919		.470	
		16		20			3		
531	9.618 242		9.659 326		0.340 674	9.958 916		469	
532	9.618 259	17	9.659 347	21	0.340 653	9.958 912	4	468	
533	9.618 275	16	9.659 367	20	0.340 633	9.958 909	3	467	
		17		20			4		
534	9.618 292		9.659 387		0.340 613	9.958 905		466	
535	9.618 309	17	9.659 407	20	0.340 593	9.958 902	3	465	
536	9.618 325	16	9.659 427	20	0.340 573	9.958 898	4	464	
		17		20			3		
537	9.618 342		9.659 447		0.340 553	9.958 895		463	
538	9.618 358	16	9.659 467	20	0.340 533	9.958 892	3	462	
539	9.618 375	17	9.659 487	20	0.340 513	9.958 888	4	461	
		17		20			3		
.540	9.618 392		9.659 507		0.340 493	9.958 885		.460	
		16		20			4		
541	9.618 408		9.659 527		0.340 473	9.958 881		459	
542	9.618 425	17	9.659 547	20	0.340 453	9.958 878	3	458	
543	9.618 441	16	9.659 567	20	0.340 433	9.958 874	4	457	
		17		20			3		
544	9.618 458		9.659 587		0.340 413	9.958 871		456	
545	9.618 475	17	9.659 607	20	0.340 393	9.958 867	4	455	
546	9.618 491	16	9.659 627	20	0.340 373	9.958 864	3	454	
		17		20			4		
547	9.618 508		9.659 647		0.340 353	9.958 860		453	
548	9.618 524	16	9.659 668	21	0.340 332	9.958 857	3	452	
549	9.618 541	17	9.659 688	20	0.340 312	9.958 853	4	451	
		17		20			3		
.550	9.618 558		9.659 708		0.340 292	9.958 850		.450	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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9	15.3

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9	14.4

65°.500 — 65°.450

24°.550 — 24°.600

24°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.618 558		9.659 708		0.340 292	9.958 850		**.450**	
		16		20			3		
551	9.618 574		9.659 728		0.340 272	9.958 847		449	
		17		20			4		
552	9.618 591		9.659 748		0.340 252	9.958 843		448	
		16		20			3		
553	9.618 607		9.659 768		0.340 232	9.958 840		447	
		17		20			4		
554	9.618 624		9.659 788		0.340 212	9.958 836		446	
		17		20			3		
555	9.618 641		9.659 808		0.340 192	9.958 833		445	
		16		20			4		
556	9.618 657		9.659 828		0.340 172	9.958 829		444	
		17		20			3		
557	9.618 674		9.659 848		0.340 152	9.958 826		443	
		16		20			4		
558	9.618 690		9.659 868		0.340 132	9.958 822		442	
		17		20			3		
559	9.618 707		9.659 888		0.340 112	9.958 819		441	
		17		20			4		
.560	9.618 724		9.659 908		0.340 092	9.958 815		**.440**	
		16		20			3		
561	9.618 740		9.659 928		0.340 072	9.958 812		439	
		17		20			4		
562	9.618 757		9.659 948		0.340 052	9.958 808		438	
		16		20			3		
563	9.618 773		9.659 968		0.340 032	9.958 805		437	
		17		20			3		
564	9.618 790		9.659 988		0.340 012	9.958 802		436	
		16		20			4		
565	9.618 806		9.660 008		0.339 992	9.958 798		435	
		17		20			3		
566	9.618 823		9.660 028		0.339 972	9.958 795		434	
		17		21			4		
567	9.618 840		9.660 049		0.339 951	9.958 791		433	
		16		20			3		
568	9.618 856		9.660 069		0.339 931	9.958 788		432	
		17		20			4		
569	9.618 873		9.660 089		0.339 911	9.958 784		431	
		16		20			3		
.570	9.618 889		9.660 109		0.339 891	9.958 781		**.430**	
		17		20			4		
571	9.618 906		9.660 129		0.339 871	9.958 777		429	
		17		20			3		
572	9.618 923		9.660 149		0.339 851	9.958 774		428	
		16		20			4		
573	9.618 939		9.660 169		0.339 831	9.958 770		427	
		17		20			3		
574	9.618 956		9.660 189		0.339 811	9.958 767		426	
		16		20			4		
575	9.618 972		9.660 209		0.339 791	9.958 763		425	
		17		20			3		
576	9.618 989		9.660 229		0.339 771	9.958 760		424	
		16		20			4		
577	9.619 005		9.660 249		0.339 751	9.958 756		423	
		17		20			3		
578	9.619 022		9.660 269		0.339 731	9.958 753		422	
		17		20			3		
579	9.619 039		9.660 289		0.339 711	9.958 750		421	
		16		20			4		
.580	9.619 055		9.660 309		0.339 691	9.958 746		**.420**	
		17		20			3		
581	9.619 072		9.660 329		0.339 671	9.958 743		419	
		16		20			4		
582	9.619 088		9.660 349		0.339 651	9.958 739		418	
		17		20			3		
583	9.619 105		9.660 369		0.339 631	9.958 736		417	
		16		20			4		
584	9.619 121		9.660 389		0.339 611	9.958 732		416	
		17		20			3		
585	9.619 138		9.660 409		0.339 591	9.958 729		415	
		17		20			4		
586	9.619 155		9.660 429		0.339 571	9.958 725		414	
		16		20			3		
587	9.619 171		9.660 449		0.339 551	9.958 722		413	
		17		20			4		
588	9.619 188		9.660 469		0.339 531	9.958 718		412	
		16		20			3		
589	9.619 204		9.660 489		0.339 511	9.958 715		411	
		17		20			4		
.590	9.619 221		9.660 509		0.339 491	9.958 711		**.410**	
		16		20			3		
591	9.619 237		9.660 529		0.339 471	9.958 708		409	
		17		20			4		
592	9.619 254		9.660 549		0.339 451	9.958 704		408	
		16		20			3		
593	9.619 270		9.660 569		0.339 431	9.958 701		407	
		17		21			4		
594	9.619 287		9.660 590		0.339 410	9.958 697		406	
		17		20			3		
595	9.619 304		9.660 610		0.339 390	9.958 694		405	
		16		20			3		
596	9.619 320		9.660 630		0.339 370	9.958 691		404	
		17		20			4		
597	9.619 337		9.660 650		0.339 350	9.958 687		403	
		16		20			3		
598	9.619 353		9.660 670		0.339 330	9.958 684		402	
		17		20			4		
599	9.619 370		9.660 690		0.339 310	9.958 680		401	
		16		20			3		
.600	9.619 386		9.660 710		0.339 290	9.958 677		**.400**	
	cos	d	cotg	d	tang	sin	d	**65°**	P.P.

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7	11.2
8	12.8
9	14.4

65°.450 — 65°.400

24°.600 — 24°.650

24°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.619 386		9.660 710		0.339 290	9.958 677		.400	
		17		20			4		
601	9.619 403		9.660 730		0.339 270	9.958 673		399	
		16		20			3		
602	9.619 419		9.660 750		0.339 250	9.958 670		398	
		17		20			4		
603	9.619 436		9.660 770		0.339 230	9.958 666		397	
		17		20			3		
604	9.619 453		9.660 790		0.339 210	9.958 663		396	
		16		20			4		
605	9.619 469		9.660 810		0.339 190	9.958 659		395	
		17		20			3		
606	9.619 486		9.660 830		0.339 170	9.958 656		394	
		16		20			4		
607	9.619 502		9.660 850		0.339 150	9.958 652		393	
		17		20			3		
608	9.619 519		9.660 870		0.339 130	9.958 649		392	
		16		20			4		
609	9.619 535		9.660 890		0.339 110	9.958 645		391	
		17		20			3		
.610	9.619 552		9.660 910		0.339 090	9.958 642		.390	
		16		20			4		
611	9.619 568		9.660 930		0.339 070	9.958 638		389	
		17		20			3		
612	9.619 585		9.660 950		0.339 050	9.958 635		388	
		17		20			3		
613	9.619 602		9.660 970		0.339 030	9.958 632		387	
		16		20			4		
614	9.619 618		9.660 990		0.339 010	9.958 628		386	
		17		20			3		
615	9.619 635		9.661 010		0.338 990	9.958 625		385	
		16		20			4		
616	9.619 651		9.661 030		0.338 970	9.958 621		384	
		17		20			3		
617	9.619 668		9.661 050		0.338 950	9.958 618		383	
		16		20			4		
618	9.619 684		9.661 070		0.338 930	9.958 614		382	
		17		20			3		
619	9.619 701		9.661 090		0.338 910	9.958 611		381	
		16		20			4		
.620	9.619 717		9.661 110		0.338 890	9.958 607		.380	
		17		20			3		
621	9.619 734		9.661 130		0.338 870	9.958 604		379	
		16		20			4		
622	9.619 750		9.661 150		0.338 850	9.958 600		378	
		17		20			3		
623	9.619 767		9.661 170		0.338 830	9.958 597		377	
		16		20			4		
624	9.619 783		9.661 190		0.338 810	9.958 593		376	
		17		20			3		
625	9.619 800		9.661 210		0.338 790	9.958 590		375	
		17		20			4		
626	9.619 817		9.661 230		0.338 770	9.958 586		374	
		16		20			3		
627	9.619 833		9.661 250		0.338 750	9.958 583		373	
		17		20			4		
628	9.619 850		9.661 270		0.338 730	9.958 579		372	
		16		20			3		
629	9.619 866		9.661 290		0.338 710	9.958 576		371	
		17		20			4		
.630	9.619 883		9.661 310		0.338 690	9.958 572		.370	
		16		20			3		
631	9.619 899		9.661 330		0.338 670	9.958 569		369	
		17		20			3		
632	9.619 916		9.661 350		0.338 650	9.958 566		368	
		16		20			4		
633	9.619 932		9.661 370		0.338 630	9.958 562		367	
		17		20			3		
634	9.619 949		9.661 390		0.338 610	9.958 559		366	
		16		20			4		
635	9.619 965		9.661 410		0.338 590	9.958 555		365	
		17		20			3		
636	9.619 982		9.661 430		0.338 570	9.958 552		364	
		16		20			4		
637	9.619 998		9.661 450		0.338 550	9.958 548		363	
		17		20			3		
638	9.620 015		9.661 470		0.338 530	9.958 545		362	
		16		20			4		
639	9.620 031		9.661 490		0.338 510	9.958 541		361	
		17		20			3		
.640	9.620 048		9.661 510		0.338 490	9.958 538		.360	
		17		20			4		
641	9.620 065		9.661 530		0.338 470	9.958 534		359	
		16		20			3		
642	9.620 081		9.661 550		0.338 450	9.958 531		358	
		17		20			4		
643	9.620 098		9.661 570		0.338 430	9.958 527		357	
		16		20			3		
644	9.620 114		9.661 590		0.338 410	9.958 524		356	
		17		20			4		
645	9.620 131		9.661 610		0.338 390	9.958 520		355	
		16		20			3		
646	9.620 147		9.661 630		0.338 370	9.958 517		354	
		17		20			4		
647	9.620 164		9.661 650		0.338 350	9.958 513		353	
		16		20			3		
648	9.620 180		9.661 670		0.338 330	9.958 510		352	
		17		20			4		
649	9.620 197		9.661 690		0.338 310	9.958 506		351	
		16		20			3		
.650	9.620 213		9.661 710		0.338 290	9.958 503		.350	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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65°.400 — 65°.350

24°.650 — 24°.700

24°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.620 213		9.661 710		0.338 290	9.958 503		**.350**	
		17		20			4		
651	9.620 230		9.661 730		0.338 270	9.958 499		349	
		16		20			3		
652	9.620 246		9.661 750		0.338 250	9.958 496		348	
		17		20			3		
653	9.620 263		9.661 770		0.338 230	9.958 493		347	
		16		20			4		
654	9.620 279		9.661 790		0.338 210	9.958 489		346	
		17		20			3		
655	9.620 296		9.661 810		0.338 190	9.958 486		345	
		16		20			4		
656	9.620 312		9.661 830		0.338 170	9.958 482		344	
		17		20			3		
657	9.620 329		9.661 850		0.338 150	9.958 479		343	
		16		20			4		
658	9.620 345		9.661 870		0.338 130	9.958 475		342	
		17		20			3		
659	9.620 362		9.661 890		0.338 110	9.958 472		341	
		16		20			4		
.660	9.620 378		9.661 910		0.338 090	9.958 468		**.340**	
		17		20			3		
661	9.620 395		9.661 930		0.338 070	9.958 465		339	
		16		20			4		
662	9.620 411		9.661 950		0.338 050	9.958 461		338	
		17		20			3		
663	9.620 428		9.661 970		0.338 030	9.958 458		337	
		16		20			4		
664	9.620 444		9.661 990		0.338 010	9.958 454		336	
		17		20			3		
665	9.620 461		9.662 010		0.337 990	9.958 451		335	
		16		20			4		
666	9.620 477		9.662 030		0.337 970	9.958 447		334	
		17		20			3		
667	9.620 494		9.662 050		0.337 950	9.958 444		333	
		16		20			4		
668	9.620 510		9.662 070		0.337 930	9.958 440		332	
		17		20			3		
669	9.620 527		9.662 090		0.337 910	9.958 437		331	
		16		20			4		
.670	9.620 543		9.662 110		0.337 890	9.958 433		**.330**	
		17		20			3		
671	9.620 560		9.662 130		0.337 870	9.958 430		329	
		16		20			4		
672	9.620 576		9.662 150		0.337 850	9.958 426		328	
		17		20			3		
673	9.620 593		9.662 170		0.337 830	9.958 423		327	
		16		20			4		
674	9.620 609		9.662 190		0.337 810	9.958 419		326	
		17		20			3		
675	9.620 626		9.662 210		0.337 790	9.958 416		325	
		16		20			4		
676	9.620 642		9.662 230		0.337 770	9.958 412		324	
		17		20			3		
677	9.620 659		9.662 250		0.337 750	9.958 409		323	
		16		20			3		
678	9.620 675		9.662 270		0.337 730	9.958 406		322	
		17		20			4		
679	9.620 692		9.662 290		0.337 710	9.958 402		321	
		16		20			3		
.680	9.620 708		9.662 310		0.337 690	9.958 399		**.320**	
		17		20			4		
681	9.620 725		9.662 330		0.337 670	9.958 395		319	
		16		20			3		
682	9.620 741		9.662 350		0.337 650	9.958 392		318	
		17		20			4		
683	9.620 758		9.662 370		0.337 630	9.958 388		317	
		16		20			3		
684	9.620 774		9.662 390		0.337 610	9.958 385		316	
		17		20			4		
685	9.620 791		9.662 410		0.337 590	9.958 381		315	
		16		20			3		
686	9.620 807		9.662 430		0.337 570	9.958 378		314	
		17		20			4		
687	9.620 824		9.662 450		0.337 550	9.958 374		313	
		16		20			3		
688	9.620 840		9.662 470		0.337 530	9.958 371		312	
		17		20			4		
689	9.620 857		9.662 490		0.337 510	9.958 367		311	
		16		20			3		
.690	9.620 873		9.662 510		0.337 490	9.958 364		**.310**	
		17		20			4		
691	9.620 890		9.662 530		0.337 470	9.958 360		309	
		16		20			3		
692	9.620 906		9.662 550		0.337 450	9.958 357		308	
		17		20			4		
693	9.620 923		9.662 570		0.337 430	9.958 353		307	
		16		20			3		
694	9.620 939		9.662 590		0.337 410	9.958 350		306	
		17		19			4		
695	9.620 956		9.662 609		0.337 391	9.958 346		305	
		16		20			3		
696	9.620 972		9.662 629		0.337 371	9.958 343		304	
		17		20			4		
697	9.620 989		9.662 649		0.337 351	9.958 339		303	
		16		20			3		
698	9.621 005		9.662 669		0.337 331	9.958 336		302	
		17		20			4		
699	9.621 022		9.662 689		0.337 311	9.958 332		301	
		16		20			3		
.700	9.621 038		9.662 709		0.337 291	9.958 329		**.300**	
	cos	d	cotg	d	tang	sin	d	**65°**	P.P.

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6	10.2
7	11.9
8	13.6
9	15.3

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5	8.0
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8	12.8
9	14.4

65°.350 — 65°.300

24°.700 — 24°.750

24°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.621 038		9.662 709		0.337 291	9.958 329		**.300**	
		17		20			4		
701	9.621 055		9.662 729		0.337 271	9.958 325		299	
		16		20			3		
702	9.621 071		9.662 749		0.337 251	9.958 322		298	
		17		20			4		
703	9.621 088		9.662 769		0.337 231	9.958 318		297	
		16		20			3		
704	9.621 104		9.662 789		0.337 211	9.958 315		296	
		17		20			4		
705	9.621 121		9.662 809		0.337 191	9.958 311		295	
		16		20			3		
706	9.621 137		9.662 829		0.337 171	9.958 308		294	
		16		20			4		
707	9.621 153		9.662 849		0.337 151	9.958 304		293	
		17		20			3		
708	9.621 170		9.662 869		0.337 131	9.958 301		292	
		16		20			4		
709	9.621 186		9.662 889		0.337 111	9.958 297		291	
		17		20			3		
.710	9.621 203		9.662 909		0.337 091	9.958 294		**.290**	
		16		20			4		
711	9.621 219		9.662 929		0.337 071	9.958 290		289	
		17		20			3		
712	9.621 236		9.662 949		0.337 051	9.958 287		288	
		16		20			3		
713	9.621 252		9.662 969		0.337 031	9.958 284		287	
		17		20			4		
714	9.621 269		9.662 989		0.337 011	9.958 280		286	
		16		20			3		
715	9.621 285		9.663 009		0.336 991	9.958 277		285	
		17		20			4		
716	9.621 302		9.663 029		0.336 971	9.958 273		284	
		16		20			3		
717	9.621 318		9.663 049		0.336 951	9.958 270		283	
		17		20			4		
718	9.621 335		9.663 069		0.336 931	9.958 266		282	
		16		20			3		
719	9.621 351		9.663 089		0.336 911	9.958 263		281	
		17		20			4		
.720	9.621 368		9.663 109		0.336 891	9.958 259		**.280**	
		16		19			3		
721	9.621 384		9.663 128		0.336 872	9.958 256		279	
		17		20			4		
722	9.621 401		9.663 148		0.336 852	9.958 252		278	
		16		20			3		
723	9.621 417		9.663 168		0.336 832	9.958 249		277	
		16		20			4		
724	9.621 433		9.663 188		0.336 812	9.958 245		276	
		17		20			3		
725	9.621 450		9.663 208		0.336 792	9.958 242		275	
		16		20			4		
726	9.621 466		9.663 228		0.336 772	9.958 238		274	
		17		20			3		
727	9.621 483		9.663 248		0.336 752	9.958 235		273	
		16		20			4		
728	9.621 499		9.663 268		0.336 732	9.958 231		272	
		17		20			3		
729	9.621 516		9.663 288		0.336 712	9.958 228		271	
		16		20			4		
.730	9.621 532		9.663 308		0.336 692	9.958 224		**.270**	
		17		20			3		
731	9.621 549		9.663 328		0.336 672	9.958 221		269	
		16		20			4		
732	9.621 565		9.663 348		0.336 652	9.958 217		268	
		17		20			3		
733	9.621 582		9.663 368		0.336 632	9.958 214		267	
		16		20			4		
734	9.621 598		9.663 388		0.336 612	9.958 210		266	
		16		20			3		
735	9.621 614		9.663 408		0.336 592	9.958 207		265	
		17		20			4		
736	9.621 631		9.663 428		0.336 572	9.958 203		264	
		16		20			3		
737	9.621 647		9.663 448		0.336 552	9.958 200		263	
		17		20			4		
738	9.621 664		9.663 468		0.336 532	9.958 196		262	
		16		20			3		
739	9.621 680		9.663 488		0.336 512	9.958 193		261	
		17		19			4		
.740	9.621 697		9.663 507		0.336 493	9.958 189		**.260**	
		16		20			3		
741	9.621 713		9.663 527		0.336 473	9.958 186		259	
		17		20			4		
742	9.621 730		9.663 547		0.336 453	9.958 182		258	
		16		20			3		
743	9.621 746		9.663 567		0.336 433	9.958 179		257	
		17		20			4		
744	9.621 763		9.663 587		0.336 413	9.958 175		256	
		16		20			3		
745	9.621 779		9.663 607		0.336 393	9.958 172		255	
		16		20			4		
746	9.621 795		9.663 627		0.336 373	9.958 168		254	
		17		20			3		
747	9.621 812		9.663 647		0.336 353	9.958 165		253	
		16		20			4		
748	9.621 828		9.663 667		0.336 333	9.958 161		252	
		17		20			3		
749	9.621 845		9.663 687		0.336 313	9.958 158		251	
		16		20			4		
.750	9.621 861		9.663 707		0.336 293	9.958 154		**.250**	
	cos	d	cotg	d	tang	sin	d	**65°**	P.P.

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65°.300 — 65°.250

24°.750 — 24°.800

24°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.621 861		9.663 707		0.336 293	9.958 154		.250	
		17		20			3		
751	9.621 878		9.663 727		0.336 273	9.958 151		249	
		16		20			4		
752	9.621 894		9.663 747		0.336 253	9.958 147		248	
		17		20			3		
753	9.621 911		9.663 767		0.336 233	9.958 144		247	
		16		20			4		
754	9.621 927		9.663 787		0.336 213	9.958 140		246	
		16		20			3		
755	9.621 943		9.663 807		0.336 193	9.958 137		245	
		17		19			4		
756	9.621 960		9.663 826		0.336 174	9.958 133		244	
		16		20			3		
757	9.621 976		9.663 846		0.336 154	9.958 130		243	
		17		20			4		
758	9.621 993		9.663 866		0.336 134	9.958 126		242	
		16		20			3		
759	9.622 009		9.663 886		0.336 114	9.958 123		241	
		17		20			4		
.760	9.622 026		9.663 906		0.336 094	9.958 119		.240	
		16		20			3		
761	9.622 042		9.663 926		0.336 074	9.958 116		239	
		16		20			4		
762	9.622 058		9.663 946		0.336 054	9.958 112		238	
		17		20			3		
763	9.622 075		9.663 966		0.336 034	9.958 109		237	
		16		20			4		
764	9.622 091		9.663 986		0.336 014	9.958 105		236	
		17		20			3		
765	9.622 108		9.664 006		0.335 994	9.958 102		235	
		16		20			4		
766	9.622 124		9.664 026		0.335 974	9.958 098		234	
		17		20			3		
767	9.622 141		9.664 046		0.335 954	9.958 095		233	
		16		20			4		
768	9.622 157		9.664 066		0.335 934	9.958 091		232	
		16		20			3		
769	9.622 173		9.664 086		0.335 914	9.958 088		231	
		17		19			4		
.770	9.622 190		9.664 105		0.335 895	9.958 084		.230	
		16		20			3		
771	9.622 206		9.664 125		0.335 875	9.958 081		229	
		17		20			4		
772	9.622 223		9.664 145		0.335 855	9.958 077		228	
		16		20			3		
773	9.622 239		9.664 165		0.335 835	9.958 074		227	
		17		20			4		
774	9.622 256		9.664 185		0.335 815	9.958 070		226	
		16		20			3		
775	9.622 272		9.664 205		0.335 795	9.958 067		225	
		16		20			4		
776	9.622 288		9.664 225		0.335 775	9.958 063		224	
		17		20			3		
777	9.622 305		9.664 245		0.335 755	9.958 060		223	
		16		20			4		
778	9.622 321		9.664 265		0.335 735	9.958 056		222	
		17		20			3		
779	9.622 338		9.664 285		0.335 715	9.958 053		221	
		16		20			4		
.780	9.622 354		9.664 305		0.335 695	9.958 049		.220	
		17		20			3		
781	9.622 371		9.664 325		0.335 675	9.958 046		219	
		16		20			4		
782	9.622 387		9.664 345		0.335 655	9.958 042		218	
		16		19			3		
783	9.622 403		9.664 364		0.335 636	9.958 039		217	
		17		20			4		
784	9.622 420		9.664 384		0.335 616	9.958 035		216	
		16		20			3		
785	9.622 436		9.664 404		0.335 596	9.958 032		215	
		17		20			4		
786	9.622 453		9.664 424		0.335 576	9.958 028		214	
		16		20			3		
787	9.622 469		9.664 444		0.335 556	9.958 025		213	
		16		20			4		
788	9.622 485		9.664 464		0.335 536	9.958 021		212	
		17		20			3		
789	9.622 502		9.664 484		0.335 516	9.958 018		211	
		16		20			4		
.790	9.622 518		9.664 504		0.335 496	9.958 014		.210	
		17		20			3		
791	9.622 535		9.664 524		0.335 476	9.958 011		209	
		16		20			4		
792	9.622 551		9.664 544		0.335 456	9.958 007		208	
		17		20			3		
793	9.622 568		9.664 564		0.335 436	9.958 004		207	
		16		19			4		
794	9.622 584		9.664 583		0.335 417	9.958 000		206	
		16		20			3		
795	9.622 600		9.664 603		0.335 397	9.957 997		205	
		17		20			4		
796	9.622 617		9.664 623		0.335 377	9.957 993		204	
		16		20			3		
797	9.622 633		9.664 643		0.335 357	9.957 990		203	
		17		20			4		
798	9.622 650		9.664 663		0.335 337	9.957 986		202	
		16		20			3		
799	9.622 666		9.664 683		0.335 317	9.957 983		201	
		16		20			4		
.800	9.622 682		9.664 703		0.335 297	9.957 979		.200	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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65°.250 — 65°.200

24°.800 — 24°.850

24°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.622 682		9.664 703		0.335 297	9.957 979		**.200**	
		17		20			3		
801	9.622 699		9.664 723		0.335 277	9.957 976		199	
		16		20			4		
802	9.622 715		9.664 743		0.335 257	9.957 972		198	
		17		20			3		
803	9.622 732		9.664 763		0.335 237	9.957 969		197	
		16		20			4		
804	9.622 748		9.664 783		0.335 217	9.957 965		196	
		16		19			3		
805	9.622 764		9.664 802		0.335 198	9.957 962		195	
		17		20			4		
806	9.622 781		9.664 822		0.335 178	9.957 958		194	
		16		20			3		
807	9.622 797		9.664 842		0.335 158	9.957 955		193	
		17		20			4		
808	9.622 814		9.664 862		0.335 138	9.957 951		192	
		16		20			3		
809	9.622 830		9.664 882		0.335 118	9.957 948		191	
		16		20			4		
.810	9.622 846		9.664 902		0.335 098	9.957 944		**.190**	
		17		20			3		
811	9.622 863		9.664 922		0.335 078	9.957 941		189	
		16		20			4		
812	9.622 879		9.664 942		0.335 058	9.957 937		188	
		17		20			3		
813	9.622 896		9.664 962		0.335 038	9.957 934		187	
		16		20			4		
814	9.622 912		9.664 982		0.335 018	9.957 930		186	
		16		19			3		
815	9.622 928		9.665 001		0.334 999	9.957 927		185	
		17		20			4		
816	9.622 945		9.665 021		0.334 979	9.957 923		184	
		16		20			3		
817	9.622 961		9.665 041		0.334 959	9.957 920		183	
		17		20			4		
818	9.622 978		9.665 061		0.334 939	9.957 916		182	
		16		20			3		
819	9.622 994		9.665 081		0.334 919	9.957 913		181	
		16		20			4		
.820	9.623 010		9.665 101		0.334 899	9.957 909		**.180**	
		17		20			3		
821	9.623 027		9.665 121		0.334 879	9.957 906		179	
		16		20			4		
822	9.623 043		9.665 141		0.334 859	9.957 902		178	
		16		20			3		
823	9.623 059		9.665 161		0.334 839	9.957 899		177	
		17		20			4		
824	9.623 076		9.665 181		0.334 819	9.957 895		176	
		16		19			3		
825	9.623 092		9.665 200		0.334 800	9.957 892		175	
		17		20			4		
826	9.623 109		9.665 220		0.334 780	9.957 888		174	
		16		20			3		
827	9.623 125		9.665 240		0.334 760	9.957 885		173	
		16		20			4		
828	9.623 141		9.665 260		0.334 740	9.957 881		172	
		17		20			3		
829	9.623 158		9.665 280		0.334 720	9.957 878		171	
		16		20			4		
.830	9.623 174		9.665 300		0.334 700	9.957 874		**.170**	
		17		20			3		
831	9.623 191		9.665 320		0.334 680	9.957 871		169	
		16		20			4		
832	9.623 207		9.665 340		0.334 660	9.957 867		168	
		16		20			3		
833	9.623 223		9.665 360		0.334 640	9.957 864		167	
		17		19			4		
834	9.623 240		9.665 379		0.334 621	9.957 860		166	
		16		20			3		
835	9.623 256		9.665 399		0.334 601	9.957 857		165	
		16		20			4		
836	9.623 272		9.665 419		0.334 581	9.957 853		164	
		17		20			3		
837	9.623 289		9.665 439		0.334 561	9.957 850		163	
		16		20			4		
838	9.623 305		9.665 459		0.334 541	9.957 846		162	
		17		20			3		
839	9.623 322		9.665 479		0.334 521	9.957 843		161	
		16		20			4		
.840	9.623 338		9.665 499		0.334 501	9.957 839		**.160**	
		16		20			3		
841	9.623 354		9.665 519		0.334 481	9.957 836		159	
		17		20			4		
842	9.623 371		9.665 539		0.334 461	9.957 832		158	
		16		19			3		
843	9.623 387		9.665 558		0.334 442	9.957 829		157	
		16		20			4		
844	9.623 403		9.665 578		0.334 422	9.957 825		156	
		17		20			3		
845	9.623 420		9.665 598		0.334 402	9.957 822		155	
		16		20			4		
846	9.623 436		9.665 618		0.334 382	9.957 818		154	
		17		20			3		
847	9.623 453		9.665 638		0.334 362	9.957 815		153	
		16		20			4		
848	9.623 469		9.665 658		0.334 342	9.957 811		152	
		16		20			3		
849	9.623 485		9.665 678		0.334 322	9.957 808		151	
		17		20			4		
.850	9.623 502		9.665 698		0.334 302	9.957 804		**.150**	
	cos	d	cotg	d	tang	sin	d	**65°**	P.P.

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65°.200 — 65°.150

24°.850 — 24°.900

24°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.623 502		9.665 698		0.334 302	9.957 804		**.150**	
		16		19			3		
851	9.623 518		9.665 717		0.334 283	9.957 801		149	
		16		20			4		
852	9.623 534		9.665 737		0.334 263	9.957 797		148	
		17		20			3		
853	9.623 551		9.665 757		0.334 243	9.957 794		147	
		16		20			4		
854	9.623 567		9.665 777		0.334 223	9.957 790		146	
		16		20			3		
855	9.623 583		9.665 797		0.334 203	9.957 787		145	
		17		20			4		
856	9.623 600		9.665 817		0.334 183	9.957 783		144	
		16		20			3		
857	9.623 616		9.665 837		0.334 163	9.957 780		143	
		17		20			4		
858	9.623 633		9.665 857		0.334 143	9.957 776		142	
		16		19			4		
859	9.623 649		9.665 876		0.334 124	9.957 772		141	
		16		20			3		
.860	9.623 665		9.665 896		0.334 104	9.957 769		**.140**	
		17		20			4		
861	9.623 682		9.665 916		0.334 084	9.957 765		139	
		16		20			3		
862	9.623 698		9.665 936		0.334 064	9.957 762		138	
		16		20			4		
863	9.623 714		9.665 956		0.334 044	9.957 758		137	
		17		20			3		
864	9.623 731		9.665 976		0.334 024	9.957 755		136	
		16		20			4		
865	9.623 747		9.665 996		0.334 004	9.957 751		135	
		16		20			3		
866	9.623 763		9.666 016		0.333 984	9.957 748		134	
		17		19			4		
867	9.623 780		9.666 035		0.333 965	9.957 744		133	
		16		20			3		
868	9.623 796		9.666 055		0.333 945	9.957 741		132	
		16		20			4		
869	9.623 812		9.666 075		0.333 925	9.957 737		131	
		17		20			3		
.870	9.623 829		9.666 095		0.333 905	9.957 734		**.130**	
		16		20			4		
871	9.623 845		9.666 115		0.333 885	9.957 730		129	
		17		20			3		
872	9.623 862		9.666 135		0.333 865	9.957 727		128	
		16		20			4		
873	9.623 878		9.666 155		0.333 845	9.957 723		127	
		16		19			3		
874	9.623 894		9.666 174		0.333 826	9.957 720		126	
		17		20			4		
875	9.623 911		9.666 194		0.333 806	9.957 716		125	
		16		20			3		
876	9.623 927		9.666 214		0.333 786	9.957 713		124	
		16		20			4		
877	9.623 943		9.666 234		0.333 766	9.957 709		123	
		17		20			3		
878	9.623 960		9.666 254		0.333 746	9.957 706		122	
		16		20			4		
879	9.623 976		9.666 274		0.333 726	9.957 702		121	
		16		20			3		
.880	9.623 992		9.666 294		0.333 706	9.957 699		**.120**	
		17		19			4		
881	9.624 009		9.666 313		0.333 687	9.957 695		119	
		16		20			3		
882	9.624 025		9.666 333		0.333 667	9.957 692		118	
		16		20			4		
883	9.624 041		9.666 353		0.333 647	9.957 688		117	
		17		20			3		
884	9.624 058		9.666 373		0.333 627	9.957 685		116	
		16		20			4		
885	9.624 074		9.666 393		0.333 607	9.957 681		115	
		16		20			3		
886	9.624 090		9.666 413		0.333 587	9.957 678		114	
		17		20			4		
887	9.624 107		9.666 433		0.333 567	9.957 674		113	
		16		19			3		
888	9.624 123		9.666 452		0.333 548	9.957 671		112	
		16		20			4		
889	9.624 139		9.666 472		0.333 528	9.957 667		111	
		17		20			3		
.890	9.624 156		9.666 492		0.333 508	9.957 664		**.110**	
		16		20			4		
891	9.624 172		9.666 512		0.333 488	9.957 660		109	
		16		20			3		
892	9.624 188		9.666 532		0.333 468	9.957 657		108	
		17		20			4		
893	9.624 205		9.666 552		0.333 448	9.957 653		107	
		16		20			4		
894	9.624 221		9.666 572		0.333 428	9.957 649		106	
		16		19			3		
895	9.624 237		9.666 591		0.333 409	9.957 646		105	
		17		20			4		
896	9.624 254		9.666 611		0.333 389	9.957 642		104	
		16		20			3		
897	9.624 270		9.666 631		0.333 369	9.957 639		103	
		16		20			4		
898	9.624 286		9.666 651		0.333 349	9.957 635		102	
		17		20			3		
899	9.624 303		9.666 671		0.333 329	9.957 632		101	
		16		20			4		
.900	9.624 319		9.666 691		0.333 309	9.957 628		**.100**	
	cos	d	cotg	d	tang	sin	d	**65°**	P.P.

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5	8.0
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7	11.2
8	12.8
9	14.4

65°.150 — 65°.100

24°.900 — 24°.950

24°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.624 319		9.666 691		0.333 309	9.957 628		**.100**	
		16		20			3		
901	9.624 335		9.666 711		0.333 289	9.957 625		099	
902	9.624 352	17	9.666 730	19	0.333 270	9.957 621	4	098	
903	9.624 368	16	9.666 750	20	0.333 250	9.957 618	3	097	
		16		20			4		20
904	9.624 384		9.666 770		0.333 230	9.957 614		096	1 2.0
905	9.624 401	17	9.666 790	20	0.333 210	9.957 611	3	095	2 4.0
906	9.624 417	16	9.666 810	20	0.333 190	9.957 607	4	094	3 6.0
		16		20			3		4 8.0
907	9.624 433		9.666 830		0.333 170	9.957 604		093	5 10.0
908	9.624 450	17	9.666 849	19	0.333 151	9.957 600	4	092	6 12.0
909	9.624 466	16	9.666 869	20	0.333 131	9.957 597	3	091	7 14.0
		16		20			4		8 16.0
.910	9.624 482		9.666 889		0.333 111	9.957 593		**.090**	9 18.0
		17		20			3		
911	9.624 499		9.666 909		0.333 091	9.957 590		089	
912	9.624 515	16	9.666 929	20	0.333 071	9.957 586	4	088	
913	9.624 531	16	9.666 949	20	0.333 051	9.957 583	3	087	
		17		19			4		
914	9.624 548		9.666 968		0.333 032	9.957 579		086	
915	9.624 564	16	9.666 988	20	0.333 012	9.957 576	3	085	19
916	9.624 580	16	9.667 008	20	0.332 992	9.957 572	4	084	1 1.9
		17		20			3		2 3.8
917	9.624 597		9.667 028		0.332 972	9.957 569		083	3 5.7
918	9.624 613	16	9.667 048	20	0.332 952	9.957 565	4	082	4 7.6
919	9.624 629	16	9.667 068	20	0.332 932	9.957 561	4	081	5 9.5
		16		20			3		6 11.4
.920	9.624 645		9.667 088		0.332 912	9.957 558		**.080**	7 13.3
		17		19			4		8 15.2
921	9.624 662		9.667 107		0.332 893	9.957 554		079	9 17.1
922	9.624 678	16	9.667 127	20	0.332 873	9.957 551	3	078	
923	9.624 694	16	9.667 147	20	0.332 853	9.957 547	4	077	
		17		20			3		
924	9.624 711		9.667 167		0.332 833	9.957 544		076	
925	9.624 727	16	9.667 187	20	0.332 813	9.957 540	4	075	17
926	9.624 743	16	9.667 207	20	0.332 793	9.957 537	3	074	1 1.7
		17		19			4		2 3.4
927	9.624 760		9.667 226		0.332 774	9.957 533		073	3 5.1
928	9.624 776	16	9.667 246	20	0.332 754	9.957 530	3	072	4 6.8
929	9.624 792	16	9.667 266	20	0.332 734	9.957 526	4	071	5 8.5
		17		20			3		6 10.2
.930	9.624 809		9.667 286		0.332 714	9.957 523		**.070**	7 11.9
		16		20			4		8 13.6
931	9.624 825		9.667 306		0.332 694	9.957 519		069	9 15.3
932	9.624 841	16	9.667 326	20	0.332 674	9.957 516	3	068	
933	9.624 858	17	9.667 345	19	0.332 655	9.957 512	4	067	
		16		20			3		
934	9.624 874		9.667 365		0.332 635	9.957 509		066	
935	9.624 890	16	9.667 385	20	0.332 615	9.957 505	4	065	16
936	9.624 906	16	9.667 405	20	0.332 595	9.957 502	3	064	1 1.6
		17		20			4		2 3.2
937	9.624 923		9.667 425		0.332 575	9.957 498		063	3 4.8
938	9.624 939	16	9.667 444	19	0.332 556	9.957 495	3	062	4 6.4
939	9.624 955	16	9.667 464	20	0.332 536	9.957 491	4	061	5 8.0
		17		20			4		6 9.6
.940	9.624 972		9.667 484		0.332 516	9.957 487		**.060**	7 11.2
		16		20			3		8 12.8
941	9.624 988		9.667 504		0.332 496	9.957 484		059	9 14.4
942	9.625 004	16	9.667 524	20	0.332 476	9.957 480	4	058	
943	9.625 021	17	9.667 544	20	0.332 456	9.957 477	3	057	
		16		19			4		
944	9.625 037		9.667 563		0.332 437	9.957 473		056	
945	9.625 053	16	9.667 583	20	0.332 417	9.957 470	3	055	
946	9.625 069	16	9.667 603	20	0.332 397	9.957 466	4	054	
		17		20			3		
947	9.625 086		9.667 623		0.332 377	9.957 463		053	
948	9.625 102	16	9.667 643	20	0.332 357	9.957 459	4	052	
949	9.625 118	16	9.667 663	20	0.332 337	9.957 456	3	051	
		17		19			4		
.950	9.625 135		9.667 682		0.332 318	9.957 452		**.050**	
	cos	d	cotg	d	tang	sin	d	**65°**	P.P.

65°.100 — 65°.050

24°.950 — 25°.000

24°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.625 135		9.667 682		0.332 318	9.957 452		**.050**	
		16		20			3		
951	9.625 151		9.667 702		0.332 298	9.957 449		049	
952	9.625 167	16	9.667 722	20	0.332 278	9.957 445	4	048	
953	9.625 183	16	9.667 742	20	0.332 258	9.957 442	3	047	
		17		20			4		
954	9.625 200		9.667 762		0.332 238	9.957 438		046	
955	9.625 216	16	9.667 781	19	0.332 219	9.957 435	3	045	
956	9.625 232	16	9.667 801	20	0.332 199	9.957 431	4	044	
		17		20			3		
957	9.625 249		9.667 821		0.332 179	9.957 428		043	
958	9.625 265	16	9.667 841	20	0.332 159	9.957 424	4	042	
959	9.625 281	16	9.667 861	20	0.332 139	9.957 420	4	041	
		16		19			3		
.960	9.625 297		9.667 880		0.332 120	9.957 417		**.040**	
		17		20			4		
961	9.625 314		9.667 900		0.332 100	9.957 413		039	
962	9.625 330	16	9.667 920	20	0.332 080	9.957 410	3	038	
963	9.625 346	16	9.667 940	20	0.332 060	9.957 406	4	037	
		17		20			3		
964	9.625 363		9.667 960		0.332 040	9.957 403		036	
965	9.625 379	16	9.667 980	20	0.332 020	9.957 399	4	035	
966	9.625 395	16	9.667 999	19	0.332 001	9.957 396	3	034	
		16		20			4		
967	9.625 411		9.668 019		0.331 981	9.957 392		033	
968	9.625 428	17	9.668 039	20	0.331 961	9.957 389	3	032	
969	9.625 444	16	9.668 059	20	0.331 941	9.957 385	4	031	
		16		20			3		
.970	9.625 460		9.668 079		0.331 921	9.957 382		**.030**	
		17		19			4		
971	9.625 477		9.668 098		0.331 902	9.957 378		029	
972	9.625 493	16	9.668 118	20	0.331 882	9.957 375	3	028	
973	9.625 509	16	9.668 138	20	0.331 862	9.957 371	4	027	
		16		20			3		
974	9.625 525		9.668 158		0.331 842	9.957 368		026	
975	9.625 542	17	9.668 178	20	0.331 822	9.957 364	4	025	
976	9.625 558	16	9.668 197	19	0.331 803	9.957 360	4	024	
		16		20			3		
977	9.625 574		9.668 217		0.331 783	9.957 357		023	
978	9.625 590	16	9.668 237	20	0.331 763	9.957 353	4	022	
979	9.625 607	17	9.668 257	20	0.331 743	9.957 350	3	021	
		16		20			4		
.980	9.625 623		9.668 277		0.331 723	9.957 346		**.020**	
		16		19			3		
981	9.625 639		9.668 296		0.331 704	9.957 343		019	
982	9.625 656	17	9.668 316	20	0.331 684	9.957 339	4	018	
983	9.625 672	16	9.668 336	20	0.331 664	9.957 336	3	017	
		16		20			4		
984	9.625 688		9.668 356		0.331 644	9.957 332		016	
985	9.625 704	16	9.668 376	20	0.331 624	9.957 329	3	015	
986	9.625 721	17	9.668 395	19	0.331 605	9.957 325	4	014	
		16		20			3		
987	9.625 737		9.668 415		0.331 585	9.957 322		013	
988	9.625 753	16	9.668 435	20	0.331 565	9.957 318	4	012	
989	9.625 769	16	9.668 455	20	0.331 545	9.957 315	3	011	
		17		20			4		
.990	9.625 786		9.668 475		0.331 525	9.957 311		**.010**	
		16		19			3		
991	9.625 802		9.668 494		0.331 506	9.957 308		009	
992	9.625 818	16	9.668 514	20	0.331 486	9.957 304	4	008	
993	9.625 834	16	9.668 534	20	0.331 466	9.957 300	4	007	
		17		20			3		
994	9.625 851		9.668 554		0.331 446	9.957 297		006	
995	9.625 867	16	9.668 574	20	0.331 426	9.957 293	4	005	
996	9.625 883	16	9.668 593	19	0.331 407	9.957 290	3	004	
		16		20			4		
997	9.625 899		9.668 613		0.331 387	9.957 286		003	
998	9.625 916	17	9.668 633	20	0.331 367	9.957 283	3	002	
999	9.625 932	16	9.668 653	20	0.331 347	9.957 279	4	001	
		16		20			3		
***000**	9.625 948		9.668 673		0.331 327	9.957 276		**.000**	
	cos	d	cotg	d	tang	sin	d	**65°**	P.P.

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65°.050 — 65°.000

25°.000 — 25°.050

25°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.625 948		9.668 673		0.331 327	9.957 276		***000**	
		17		19			4		
001	9.625 965		9.668 692		0.331 308	9.957 272		999	
		16		20			3		
002	9.625 981		9.668 712		0.331 288	9.957 269		998	
		16		20			4		
003	9.625 997		9.668 732		0.331 268	9.957 265		997	
		16		20			3		
004	9.626 013		9.668 752		0.331 248	9.957 262		996	
		17		19			4		
005	9.626 030		9.668 771		0.331 229	9.957 258		995	
		16		20			3		
006	9.626 046		9.668 791		0.331 209	9.957 255		994	
		16		20			4		
007	9.626 062		9.668 811		0.331 189	9.957 251		993	
		16		20			4		
008	9.626 078		9.668 831		0.331 169	9.957 247		992	
		17		20			3		
009	9.626 095		9.668 851		0.331 149	9.957 244		991	
		16		19			4		
.010	9.626 111		9.668 870		0.331 130	9.957 240		**.990**	
		16		20			3		
011	9.626 127		9.668 890		0.331 110	9.957 237		989	
		16		20			4		
012	9.626 143		9.668 910		0.331 090	9.957 233		988	
		17		20			3		
013	9.626 160		9.668 930		0.331 070	9.957 230		987	
		16		20			4		
014	9.626 176		9.668 950		0.331 050	9.957 226		986	
		16		19			3		
015	9.626 192		9.668 969		0.331 031	9.957 223		985	
		16		20			4		
016	9.626 208		9.668 989		0.331 011	9.957 219		984	
		16		20			3		
017	9.626 224		9.669 009		0.330 991	9.957 216		983	
		17		20			4		
018	9.626 241		9.669 029		0.330 971	9.957 212		982	
		16		19			3		
019	9.626 257		9.669 048		0.330 952	9.957 209		981	
		16		20			4		
.020	9.626 273		9.669 068		0.330 932	9.957 205		**.980**	
		16		20			4		
021	9.626 289		9.669 088		0.330 912	9.957 201		979	
		17		20			3		
022	9.626 306		9.669 108		0.330 892	9.957 198		978	
		16		20			4		
023	9.626 322		9.669 128		0.330 872	9.957 194		977	
		16		19			3		
024	9.626 338		9.669 147		0.330 853	9.957 191		976	
		16		20			4		
025	9.626 354		9.669 167		0.330 833	9.957 187		975	
		17		20			3		
026	9.626 371		9.669 187		0.330 813	9.957 184		974	
		16		20			4		
027	9.626 387		9.669 207		0.330 793	9.957 180		973	
		16		19			3		
028	9.626 403		9.669 226		0.330 774	9.957 177		972	
		16		20			4		
029	9.626 419		9.669 246		0.330 754	9.957 173		971	
		17		20			3		
.030	9.626 436		9.669 266		0.330 734	9.957 170		**.970**	
		16		20			4		
031	9.626 452		9.669 286		0.330 714	9.957 166		969	
		16		20			3		
032	9.626 468		9.669 306		0.330 694	9.957 163		968	
		16		19			4		
033	9.626 484		9.669 325		0.330 675	9.957 159		967	
		17		20			4		
034	9.626 501		9.669 345		0.330 655	9.957 155		966	
		16		20			3		
035	9.626 517		9.669 365		0.330 635	9.957 152		965	
		16		20			4		
036	9.626 533		9.669 385		0.330 615	9.957 148		964	
		16		19			3		
037	9.626 549		9.669 404		0.330 596	9.957 145		963	
		16		20			4		
038	9.626 565		9.669 424		0.330 576	9.957 141		962	
		17		20			3		
039	9.626 582		9.669 444		0.330 556	9.957 138		961	
		16		20			4		
.040	9.626 598		9.669 464		0.330 536	9.957 134		**.960**	
		16		19			3		
041	9.626 614		9.669 483		0.330 517	9.957 131		959	
		16		20			4		
042	9.626 630		9.669 503		0.330 497	9.957 127		958	
		17		20			3		
043	9.626 647		9.669 523		0.330 477	9.957 124		957	
		16		20			4		
044	9.626 663		9.669 543		0.330 457	9.957 120		956	
		16		19			4		
045	9.626 679		9.669 562		0.330 438	9.957 116		955	
		16		20			3		
046	9.626 695		9.669 582		0.330 418	9.957 113		954	
		16		20			4		
047	9.626 711		9.669 602		0.330 398	9.957 109		953	
		17		20			3		
048	9.626 728		9.669 622		0.330 378	9.957 106		952	
		16		20			4		
049	9.626 744		9.669 642		0.330 358	9.957 102		951	
		16		19			3		
.050	9.626 760		9.669 661		0.330 339	9.957 099		**.950**	
	cos	d	cotg	d	tang	sin	d	**64°**	P.P.

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65°.000 — 64°.950

25°.050 — 25°.100

25°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.626 760		9.669 661		0.330 339	9.957 099		**.950**	
		16		20			4		
051	9.626 776		9.669 681		0.330 319	9.957 095		949	
052	9.626 793	17	9.669 701	20	0.330 299	9.957 092	3	948	
053	9.626 809	16	9.669 721	20	0.330 279	9.957 088	4	947	
		16		19			3		
054	9.626 825		9.669 740		0.330 260	9.957 085		946	
055	9.626 841	16	9.669 760	20	0.330 240	9.957 081	4	945	
056	9.626 857	16	9.669 780	20	0.330 220	9.957 078	3	944	
		17		20			4		
057	9.626 874		9.669 800		0.330 200	9.957 074		943	
058	9.626 890	16	9.669 819	19	0.330 181	9.957 070	4	942	
059	9.626 906	16	9.669 839	20	0.330 161	9.957 067	3	941	
		16		20			4		
.060	9.626 922		9.669 859		0.330 141	9.957 063		**.940**	
		16		20			3		
061	9.626 938		9.669 879		0.330 121	9.957 060		939	
062	9.626 955	17	9.669 898	19	0.330 102	9.957 056	4	938	
063	9.626 971	16	9.669 918	20	0.330 082	9.957 053	3	937	
		16		20			4		
064	9.626 987		9.669 938		0.330 062	9.957 049		936	
065	9.627 003	16	9.669 958	20	0.330 042	9.957 046	3	935	
066	9.627 019	16	9.669 977	19	0.330 023	9.957 042	4	934	
		17		20			3		
067	9.627 036		9.669 997		0.330 003	9.957 039		933	
068	9.627 052	16	9.670 017	20	0.329 983	9.957 035	4	932	
069	9.627 068	16	9.670 037	20	0.329 963	9.957 031	4	931	
		16		19			3		
.070	9.627 084		9.670 056		0.329 944	9.957 028		**.930**	
		17		20			4		
071	9.627 101		9.670 076		0.329 924	9.957 024		929	
072	9.627 117	16	9.670 096	20	0.329 904	9.957 021	3	928	
073	9.627 133	16	9.670 116	20	0.329 884	9.957 017	4	927	
		16		19			3		
074	9.627 149		9.670 135		0.329 865	9.957 014		926	
075	9.627 165	16	9.670 155	20	0.329 845	9.957 010	4	925	
076	9.627 182	17	9.670 175	20	0.329 825	9.957 007	3	924	
		16		20			4		
077	9.627 198		9.670 195		0.329 805	9.957 003		923	
078	9.627 214	16	9.670 214	19	0.329 786	9.957 000	3	922	
079	9.627 230	16	9.670 234	20	0.329 766	9.956 996	4	921	
		16		20			4		
.080	9.627 246		9.670 254		0.329 746	9.956 992		**.920**	
		16		20			3		
081	9.627 262		9.670 274		0.329 726	9.956 989		919	
082	9.627 279	17	9.670 293	19	0.329 707	9.956 985	4	918	
083	9.627 295	16	9.670 313	20	0.329 687	9.956 982	3	917	
		16		20			4		
084	9.627 311		9.670 333		0.329 667	9.956 978		916	
085	9.627 327	16	9.670 353	20	0.329 647	9.956 975	3	915	
086	9.627 343	16	9.670 372	19	0.329 628	9.956 971	4	914	
		17		20			3		
087	9.627 360		9.670 392		0.329 608	9.956 968		913	
088	9.627 376	16	9.670 412	20	0.329 588	9.956 964	4	912	
089	9.627 392	16	9.670 432	20	0.329 568	9.956 960	4	911	
		16		19			3		
.090	9.627 408		9.670 451		0.329 549	9.956 957		**.910**	
		16		20			4		
091	9.627 424		9.670 471		0.329 529	9.956 953		909	
092	9.627 441	17	9.670 491	20	0.329 509	9.956 950	3	908	
093	9.627 457	16	9.670 510	19	0.329 490	9.956 946	4	907	
		16		20			3		
094	9.627 473		9.670 530		0.329 470	9.956 943		906	
095	9.627 489	16	9.670 550	20	0.329 450	9.956 939	4	905	
096	9.627 505	16	9.670 570	20	0.329 430	9.956 936	3	904	
		17		19			4		
097	9.627 522		9.670 589		0.329 411	9.956 932		903	
098	9.627 538	16	9.670 609	20	0.329 391	9.956 929	3	902	
099	9.627 554	16	9.670 629	20	0.329 371	9.956 925	4	901	
		16		20			4		
.100	9.627 570		9.670 649		0.329 351	9.956 921		**.900**	
	cos	d	cotg	d	tang	sin	d	**64°**	P.P.

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	16
1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

64°.950 — 64°.900

25°.100 — 25°.150

25°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.627 570		9.670 649		0.329 351	9.956 921		.900	
		16		19			3		
101	9.627 586		9.670 668		0.329 332	9.956 918		899	
102	9.627 602	16	9.670 688	20	0.329 312	9.956 914	4	898	
103	9.627 619	17	9.670 708	20	0.329 292	9.956 911	3	897	
		16		20			4		20
104	9.627 635		9.670 728		0.329 272	9.956 907		896	1 2.0
105	9.627 651	16	9.670 747	19	0.329 253	9.956 904	3	895	2 4.0
106	9.627 667	16	9.670 767	20	0.329 233	9.956 900	4	894	3 6.0
		16		20			3		4 8.0
107	9.627 683		9.670 787		0.329 213	9.956 897		893	5 10.0
108	9.627 699	16	9.670 806	19	0.329 194	9.956 893	4	892	6 12.0
109	9.627 716	17	9.670 826	20	0.329 174	9.956 889	4	891	7 14.0
		16		20			3		8 16.0
.110	9.627 732		9.670 846		0.329 154	9.956 886		.890	9 18.0
		16		20			4		
111	9.627 748		9.670 866		0.329 134	9.956 882		889	
112	9.627 764	16	9.670 885	19	0.329 115	9.956 879	3	888	
113	9.627 780	16	9.670 905	20	0.329 095	9.956 875	4	887	
		17		20			3		
114	9.627 797		9.670 925		0.329 075	9.956 872		886	
115	9.627 813	16	9.670 945	20	0.329 055	9.956 868	4	885	19
116	9.627 829	16	9.670 964	19	0.329 036	9.956 865	3	884	
		16		20			4		1 1.9
117	9.627 845		9.670 984		0.329 016	9.956 861		883	2 3.8
118	9.627 861	16	9.671 004	20	0.328 996	9.956 858	3	882	3 5.7
119	9.627 877	16	9.671 023	19	0.328 977	9.956 854	4	881	4 7.6
		17		20			4		5 9.5
.120	9.627 894		9.671 043		0.328 957	9.956 850		.880	6 11.4
		16		20			3		7 13.3
121	9.627 910		9.671 063		0.328 937	9.956 847		879	8 15.2
122	9.627 926	16	9.671 083	20	0.328 917	9.956 843	4	878	9 17.1
123	9.627 942	16	9.671 102	19	0.328 898	9.956 840	3	877	
		16		20			4		
124	9.627 958		9.671 122		0.328 878	9.956 836		876	
125	9.627 974	16	9.671 142	20	0.328 858	9.956 833	3	875	
126	9.627 991	17	9.671 161	19	0.328 839	9.956 829	4	874	
		16		20			3		
127	9.628 007		9.671 181		0.328 819	9.956 826		873	17
128	9.628 023	16	9.671 201	20	0.328 799	9.956 822	4	872	
129	9.628 039	16	9.671 221	20	0.328 779	9.956 818	4	871	1 1.7
		16		19			3		2 3.4
.130	9.628 055		9.671 240		0.328 760	9.956 815		.870	3 5.1
		16		20			4		4 6.8
131	9.628 071		9.671 260		0.328 740	9.956 811		869	5 8.5
132	9.628 087	16	9.671 280	20	0.328 720	9.956 808	3	868	6 10.2
133	9.628 104	17	9.671 299	19	0.328 701	9.956 804	4	867	7 11.9
		16		20			3		8 13.6
134	9.628 120		9.671 319		0.328 681	9.956 801		866	9 15.3
135	9.628 136	16	9.671 339	20	0.328 661	9.956 797	4	865	
136	9.628 152	16	9.671 359	20	0.328 641	9.956 794	3	864	
		16		19			4		
137	9.628 168		9.671 378		0.328 622	9.956 790		863	
138	9.628 184	16	9.671 398	20	0.328 602	9.956 786	4	862	
139	9.628 201	17	9.671 418	20	0.328 582	9.956 783	3	861	16
		16		19			4		
.140	9.628 217		9.671 437		0.328 563	9.956 779		.860	1 1.6
		16		20			3		2 3.2
141	9.628 233		9.671 457		0.328 543	9.956 776		859	3 4.8
142	9.628 249	16	9.671 477	20	0.328 523	9.956 772	4	858	4 6.4
143	9.628 265	16	9.671 497	20	0.328 503	9.956 769	3	857	5 8.0
		16		19			4		6 9.6
144	9.628 281		9.671 516		0.328 484	9.956 765		856	7 11.2
145	9.628 297	16	9.671 536	20	0.328 464	9.956 762	3	855	8 12.8
146	9.628 314	17	9.671 556	20	0.328 444	9.956 758	4	854	9 14.4
		16		19			4		
147	9.628 330		9.671 575		0.328 425	9.956 754		853	
148	9.628 346	16	9.671 595	20	0.328 405	9.956 751	3	852	
149	9.628 362	16	9.671 615	20	0.328 385	9.956 747	4	851	
		16		20			3		
.150	9.628 378		9.671 635		0.328 365	9.956 744		.850	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

64°.900 — 64°.850

25°.150 — 25°.200

25°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.628 378		9.671 635		0.328 365	9.956 744		.850	
		16		19			4		
151	9.628 394		9.671 654		0.328 346	9.956 740		849	
152	9.628 411	17	9.671 674	20	0.328 326	9.956 737	3	848	
153	9.628 427	16	9.671 694	20	0.328 306	9.956 733	4	847	
		16		19			4		
154	9.628 443		9.671 713		0.328 287	9.956 729		846	
155	9.628 459	16	9.671 733	20	0.328 267	9.956 726	3	845	
156	9.628 475	16	9.671 753	20	0.328 247	9.956 722	4	844	
		16		19			3		
157	9.628 491		9.671 772		0.328 228	9.956 719		843	
158	9.628 507	16	9.671 792	20	0.328 208	9.956 715	4	842	
159	9.628 523	16	9.671 812	20	0.328 188	9.956 712	3	841	
		17		20			4		
.160	9.628 540		9.671 832		0.328 168	9.956 708		.840	
		16		19			3		
161	9.628 556		9.671 851		0.328 149	9.956 705		839	
162	9.628 572	16	9.671 871	20	0.328 129	9.956 701	4	838	
163	9.628 588	16	9.671 891	20	0.328 109	9.956 697	4	837	
		16		19			3		
164	9.628 604		9.671 910		0.328 090	9.956 694		836	
165	9.628 620	16	9.671 930	20	0.328 070	9.956 690	4	835	
166	9.628 636	16	9.671 950	20	0.328 050	9.956 687	3	834	
		17		19			4		
167	9.628 653		9.671 969		0.328 031	9.956 683		833	
168	9.628 669	16	9.671 989	20	0.328 011	9.956 680	3	832	
169	9.628 685	16	9.672 009	20	0.327 991	9.956 676	4	831	
		16		19			3		
.170	9.628 701		9.672 028		0.327 972	9.956 673		.830	
		16		20			4		
171	9.628 717		9.672 048		0.327 952	9.956 669		829	
172	9.628 733	16	9.672 068	20	0.327 932	9.956 665	4	828	
173	9.628 749	16	9.672 088	20	0.327 912	9.956 662	3	827	
		16		19			4		
174	9.628 765		9.672 107		0.327 893	9.956 658		826	
175	9.628 782	17	9.672 127	20	0.327 873	9.956 655	3	825	
176	9.628 798	16	9.672 147	20	0.327 853	9.956 651	4	824	
		16		19			3		
177	9.628 814		9.672 166		0.327 834	9.956 648		823	17
178	9.628 830	16	9.672 186	20	0.327 814	9.956 644	4	822	
179	9.628 846	16	9.672 206	20	0.327 794	9.956 640	4	821	1 1.7
		16		19			3		2 3.4
.180	9.628 862		9.672 225		0.327 775	9.956 637		.820	3 5.1
		16		20			4		4 6.8
181	9.628 878		9.672 245		0.327 755	9.956 633		819	5 8.5
182	9.628 894	16	9.672 265	20	0.327 735	9.956 630	3	818	6 10.2
183	9.628 911	17	9.672 284	19	0.327 716	9.956 626	4	817	7 11.9
		16		20			3		8 13.6
184	9.628 927		9.672 304		0.327 696	9.956 623		816	9 15.3
185	9.628 943	16	9.672 324	20	0.327 676	9.956 619	4	815	
186	9.628 959	16	9.672 343	19	0.327 657	9.956 615	4	814	
		16		20			3		
187	9.628 975		9.672 363		0.327 637	9.956 612		813	
188	9.628 991	16	9.672 383	20	0.327 617	9.956 608	4	812	
189	9.629 007	16	9.672 403	20	0.327 597	9.956 605	3	811	16
		16		19			4		
.190	9.629 023		9.672 422		0.327 578	9.956 601		.810	1 1.6
		17		20			3		2 3.2
191	9.629 040		9.672 442		0.327 558	9.956 598		809	3 4.8
192	9.629 056	16	9.672 462	20	0.327 538	9.956 594	4	808	4 6.4
193	9.629 072	16	9.672 481	19	0.327 519	9.956 591	3	807	5 8.0
		16		20			4		6 9.6
194	9.629 088		9.672 501		0.327 499	9.956 587		806	7 11.2
195	9.629 104	16	9.672 521	20	0.327 479	9.956 583	4	805	8 12.8
196	9.629 120	16	9.672 540	19	0.327 460	9.956 580	3	804	9 14.4
		16		20			4		
197	9.629 136		9.672 560		0.327 440	9.956 576		803	
198	9.629 152	16	9.672 580	20	0.327 420	9.956 573	3	802	
199	9.629 168	16	9.672 599	19	0.327 401	9.956 569	4	801	
		17		20			3		
.200	9.629 185		9.672 619		0.327 381	9.956 566		.800	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

64°.850 — 64°.800

25°.200 — 25°.250

25°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.629 185		9.672 619		0.327 381	9.956 566		**.800**	
		16		20			4		
201	9.629 201		9.672 639		0.327 361	9.956 562		799	
202	9.629 217	16	9.672 658	19	0.327 342	9.956 558	4	798	
203	9.629 233	16	9.672 678	20	0.327 322	9.956 555	3	797	
		16		20			4		20
204	9.629 249		9.672 698		0.327 302	9.956 551		796	1 2.0
205	9.629 265	16	9.672 717	19	0.327 283	9.956 548	3	795	2 4.0
206	9.629 281	16	9.672 737	20	0.327 263	9.956 544	4	794	3 6.0
		16		20			3		4 8.0
207	9.629 297		9.672 757		0.327 243	9.956 541		793	5 10.0
208	9.629 313	16	9.672 776	19	0.327 224	9.956 537	4	792	6 12.0
209	9.629 329	16	9.672 796	20	0.327 204	9.956 533	4	791	7 14.0
		17		20			3		8 16.0
.210	9.629 346		9.672 816		0.327 184	9.956 530		**.790**	9 18.0
		16		19			4		
211	9.629 362		9.672 835		0.327 165	9.956 526		789	
212	9.629 378	16	9.672 855	20	0.327 145	9.956 523	3	788	
213	9.629 394	16	9.672 875	20	0.327 125	9.956 519	4	787	
		16		19			3		
214	9.629 410		9.672 894		0.327 106	9.956 516		786	
215	9.629 426	16	9.672 914	20	0.327 086	9.956 512	4	785	19
216	9.629 442	16	9.672 934	20	0.327 066	9.956 508	4	784	
		16		19			3		1 1.9
217	9.629 458		9.672 953		0.327 047	9.956 505		783	2 3.8
218	9.629 474	16	9.672 973	20	0.327 027	9.956 501	4	782	3 5.7
219	9.629 490	16	9.672 993	20	0.327 007	9.956 498	3	781	4 7.6
		17		19			4		5 9.5
.220	9.629 507		9.673 012		0.326 988	9.956 494		**.780**	6 11.4
		16		20			3		7 13.3
221	9.629 523		9.673 032		0.326 968	9.956 491		779	8 15.2
222	9.629 539	16	9.673 052	20	0.326 948	9.956 487	4	778	9 17.1
223	9.629 555	16	9.673 071	19	0.326 929	9.956 483	4	777	
		16		20			3		
224	9.629 571		9.673 091		0.326 909	9.956 480		776	
225	9.629 587	16	9.673 111	20	0.326 889	9.956 476	4	775	
226	9.629 603	16	9.673 130	19	0.326 870	9.956 473	3	774	
		16		20			4		
227	9.629 619		9.673 150		0.326 850	9.956 469		773	17
228	9.629 635	16	9.673 170	20	0.326 830	9.956 466	3	772	
229	9.629 651	16	9.673 189	19	0.326 811	9.956 462	4	771	1 1.7
		16		20			4		2 3.4
.230	9.629 667		9.673 209		0.326 791	9.956 458		**.770**	3 5.1
		17		20			3		4 6.8
231	9.629 684		9.673 229		0.326 771	9.956 455		769	5 8.5
232	9.629 700	16	9.673 248	19	0.326 752	9.956 451	4	768	6 10.2
233	9.629 716	16	9.673 268	20	0.326 732	9.956 448	3	767	7 11.9
		16		20			4		8 13.6
234	9.629 732		9.673 288		0.326 712	9.956 444		766	9 15.3
235	9.629 748	16	9.673 307	19	0.326 693	9.956 441	3	765	
236	9.629 764	16	9.673 327	20	0.326 673	9.956 437	4	764	
		16		20			4		
237	9.629 780		9.673 347		0.326 653	9.956 433		763	
238	9.629 796	16	9.673 366	19	0.326 634	9.956 430	3	762	
239	9.629 812	16	9.673 386	20	0.326 614	9.956 426	4	761	16
		16		19			3		
.240	9.629 828		9.673 405		0.326 595	9.956 423		**.760**	1 1.6
		16		20			4		2 3.2
241	9.629 844		9.673 425		0.326 575	9.956 419		759	3 4.8
242	9.629 860	16	9.673 445	20	0.326 555	9.956 416	3	758	4 6.4
243	9.629 877	17	9.673 464	19	0.326 536	9.956 412	4	757	5 8.0
		16		20			4		6 9.6
244	9.629 893		9.673 484		0.326 516	9.956 408		756	7 11.2
245	9.629 909	16	9.673 504	20	0.326 496	9.956 405	3	755	8 12.8
246	9.629 925	16	9.673 523	19	0.326 477	9.956 401	4	754	9 14.4
		16		20			3		
247	9.629 941		9.673 543		0.326 457	9.956 398		753	
248	9.629 957	16	9.673 563	20	0.326 437	9.956 394	4	752	
249	9.629 973	16	9.673 582	19	0.326 418	9.956 391	3	751	
		16		20			4		
.250	9.629 989		9.673 602		0.326 398	9.956 387		**.750**	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

64°.800 — 64°.750

25°.250 — 25°.300

25°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.629 989		9.673 602		0.326 398	9.956 387		**.750**	
		16		20			4		
251	9.630 005		9.673 622		0.326 378	9.956 383		749	
252	9.630 021	16	9.673 641	19	0.326 359	9.956 380	3	748	
253	9.630 037	16	9.673 661	20	0.326 339	9.956 376	4	747	
		16		20			3		20
254	9.630 053		9.673 681		0.326 319	9.956 373		746	1 2.0
255	9.630 069	16	9.673 700	19	0.326 300	9.956 369	4	745	2 4.0
256	9.630 085	16	9.673 720	20	0.326 280	9.956 366	3	744	3 6.0
		17		20			4		4 8.0
257	9.630 102		9.673 740		0.326 260	9.956 362		743	5 10.0
258	9.630 118	16	9.673 759	19	0.326 241	9.956 358	4	742	6 12.0
259	9.630 134	16	9.673 779	20	0.326 221	9.956 355	3	741	7 14.0
		16		19			4		8 16.0
.260	9.630 150		9.673 798		0.326 202	9.956 351		**.740**	9 18.0
		16		20			3		
261	9.630 166		9.673 818		0.326 182	9.956 348		739	
262	9.630 182	16	9.673 838	20	0.326 162	9.956 344	4	738	
263	9.630 198	16	9.673 857	19	0.326 143	9.956 341	3	737	
		16		20			4		
264	9.630 214		9.673 877		0.326 123	9.956 337		736	
265	9.630 230	16	9.673 897	20	0.326 103	9.956 333	4	735	
266	9.630 246	16	9.673 916	19	0.326 084	9.956 330	3	734	19
		16		20			4		1 1.9
267	9.630 262		9.673 936		0.326 064	9.956 326		733	2 3.8
268	9.630 278	16	9.673 956	20	0.326 044	9.956 323	3	732	3 5.7
269	9.630 294	16	9.673 975	19	0.326 025	9.956 319	4	731	4 7.6
		16		20			3		5 9.5
.270	9.630 310		9.673 995		0.326 005	9.956 316		**.730**	6 11.4
		16		19			4		7 13.3
271	9.630 326		9.674 014		0.325 986	9.956 312		729	8 15.2
272	9.630 342	16	9.674 034	20	0.325 966	9.956 308	4	728	9 17.1
273	9.630 358	16	9.674 054	20	0.325 946	9.956 305	3	727	
		17		19			4		
274	9.630 375		9.674 073		0.325 927	9.956 301		726	
275	9.630 391	16	9.674 093	20	0.325 907	9.956 298	3	725	
276	9.630 407	16	9.674 113	20	0.325 887	9.956 294	4	724	
		16		19			4		
277	9.630 423		9.674 132		0.325 868	9.956 290		723	17
278	9.630 439	16	9.674 152	20	0.325 848	9.956 287	3	722	
279	9.630 455	16	9.674 172	20	0.325 828	9.956 283	4	721	1 1.7
		16		19			3		2 3.4
.280	9.630 471		9.674 191		0.325 809	9.956 280		**.720**	3 5.1
		16		20			4		4 6.8
281	9.630 487		9.674 211		0.325 789	9.956 276		719	5 8.5
282	9.630 503	16	9.674 230	19	0.325 770	9.956 273	3	718	6 10.2
283	9.630 519	16	9.674 250	20	0.325 750	9.956 269	4	717	7 11.9
		16		20			4		8 13.6
284	9.630 535		9.674 270		0.325 730	9.956 265		716	9 15.3
285	9.630 551	16	9.674 289	19	0.325 711	9.956 262	3	715	
286	9.630 567	16	9.674 309	20	0.325 691	9.956 258	4	714	
		16		20			3		
287	9.630 583		9.674 329		0.325 671	9.956 255		713	
288	9.630 599	16	9.674 348	19	0.325 652	9.956 251	4	712	
289	9.630 615	16	9.674 368	20	0.325 632	9.956 247	4	711	16
		16		19			3		
.290	9.630 631		9.674 387		0.325 613	9.956 244		**.710**	1 1.6
		16		20			4		2 3.2
291	9.630 647		9.674 407		0.325 593	9.956 240		709	3 4.8
292	9.630 663	16	9.674 427	20	0.325 573	9.956 237	3	708	4 6.4
293	9.630 679	16	9.674 446	19	0.325 554	9.956 233	4	707	5 8.0
		16		20			3		6 9.6
294	9.630 695		9.674 466		0.325 534	9.956 230		706	7 11.2
295	9.630 712	17	9.674 486	20	0.325 514	9.956 226	4	705	8 12.8
296	9.630 728	16	9.674 505	19	0.325 495	9.956 222	4	704	9 14.4
		16		20			3		
297	9.630 744		9.674 525		0.325 475	9.956 219		703	
298	9.630 760	16	9.674 544	19	0.325 456	9.956 215	4	702	
299	9.630 776	16	9.674 564	20	0.325 436	9.956 212	3	701	
		16		20			4		
.300	9.630 792		9.674 584		0.325 416	9.956 208		**.700**	
	cos	d	cotg	d	tang	sin	d	**64°**	P.P.

64°.750 — 64°.700

25°.300 — 25°.350

25°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.630 792		9.674 584		0.325 416	9.956 208		.700	
		16		19			3		
301	9.630 808		9.674 603		0.325 397	9.956 205		699	
		16		20			4		
302	9.630 824		9.674 623		0.325 377	9.956 201		698	
		16		19			4		
303	9.630 840		9.674 642		0.325 358	9.956 197		697	
		16		20			3		
304	9.630 856		9.674 662		0.325 338	9.956 194		696	
		16		20			4		
305	9.630 872		9.674 682		0.325 318	9.956 190		695	
		16		19			3		
306	9.630 888		9.674 701		0.325 299	9.956 187		694	
		16		20			4		
307	9.630 904		9.674 721		0.325 279	9.956 183		693	
		16		20			4		
308	9.630 920		9.674 741		0.325 259	9.956 179		692	
		16		19			3		
309	9.630 936		9.674 760		0.325 240	9.956 176		691	
		16		20			4		
.310	9.630 952		9.674 780		0.325 220	9.956 172		.690	
		16		19			3		
311	9.630 968		9.674 799		0.325 201	9.956 169		689	
		16		20			4		
312	9.630 984		9.674 819		0.325 181	9.956 165		688	
		16		20			4		
313	9.631 000		9.674 839		0.325 161	9.956 161		687	
		16		19			3		
314	9.631 016		9.674 858		0.325 142	9.956 158		686	
		16		20			4		
315	9.631 032		9.674 878		0.325 122	9.956 154		685	
		16		19			3		
316	9.631 048		9.674 897		0.325 103	9.956 151		684	
		16		20			4		
317	9.631 064		9.674 917		0.325 083	9.956 147		683	
		16		20			3		
318	9.631 080		9.674 937		0.325 063	9.956 144		682	
		16		19			4		
319	9.631 096		9.674 956		0.325 044	9.956 140		681	
		16		20			4		
.320	9.631 112		9.674 976		0.325 024	9.956 136		.680	
		16		19			3		
321	9.631 128		9.674 995		0.325 005	9.956 133		679	
		16		20			4		
322	9.631 144		9.675 015		0.324 985	9.956 129		678	
		16		20			3		
323	9.631 160		9.675 035		0.324 965	9.956 126		677	
		16		19			4		
324	9.631 176		9.675 054		0.324 946	9.956 122		676	
		16		20			4		
325	9.631 192		9.675 074		0.324 926	9.956 118		675	
		16		19			3		
326	9.631 208		9.675 093		0.324 907	9.956 115		674	
		16		20			4		
327	9.631 224		9.675 113		0.324 887	9.956 111		673	
		16		20			3		
328	9.631 240		9.675 133		0.324 867	9.956 108		672	
		16		19			4		
329	9.631 256		9.675 152		0.324 848	9.956 104		671	
		16		20			3		
.330	9.631 272		9.675 172		0.324 828	9.956 101		.670	
		16		20			4		
331	9.631 288		9.675 192		0.324 808	9.956 097		669	
		16		19			4		
332	9.631 304		9.675 211		0.324 789	9.956 093		668	
		16		20			3		
333	9.631 320		9.675 231		0.324 769	9.956 090		667	
		16		19			4		
334	9.631 336		9.675 250		0.324 750	9.956 086		666	
		16		20			3		
335	9.631 352		9.675 270		0.324 730	9.956 083		665	
		17		20			4		
336	9.631 369		9.675 290		0.324 710	9.956 079		664	
		16		19			4		
337	9.631 385		9.675 309		0.324 691	9.956 075		663	
		16		20			3		
338	9.631 401		9.675 329		0.324 671	9.956 072		662	
		16		19			4		
339	9.631 417		9.675 348		0.324 652	9.956 068		661	
		16		20			3		
.340	9.631 433		9.675 368		0.324 632	9.956 065		.660	
		16		19			4		
341	9.631 449		9.675 387		0.324 613	9.956 061		659	
		16		20			4		
342	9.631 465		9.675 407		0.324 593	9.956 057		658	
		16		20			3		
343	9.631 481		9.675 427		0.324 573	9.956 054		657	
		16		19			4		
344	9.631 497		9.675 446		0.324 554	9.956 050		656	
		16		20			3		
345	9.631 513		9.675 466		0.324 534	9.956 047		655	
		16		19			4		
346	9.631 529		9.675 485		0.324 515	9.956 043		654	
		16		20			3		
347	9.631 545		9.675 505		0.324 495	9.956 040		653	
		16		20			4		
348	9.631 561		9.675 525		0.324 475	9.956 036		652	
		16		19			4		
349	9.631 577		9.675 544		0.324 456	9.956 032		651	
		16		20			3		
.350	9.631 593		9.675 564		0.324 436	9.956 029		.650	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	16
1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

64°.700 — 64°.650

25°.350 — 25°.400

25°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.631 593		9.675 564		0.324 436	9.956 029		.650	
		16		19			4		
351	9.631 609		9.675 583		0.324 417	9.956 025		649	
352	9.631 625	16	9.675 603	20	0.324 397	9.956 022	3	648	
353	9.631 641	16	9.675 623	20	0.324 377	9.956 018	4	647	
		16		19			4		
354	9.631 657		9.675 642		0.324 358	9.956 014		646	
355	9.631 673	16	9.675 662	20	0.324 338	9.956 011	3	645	
356	9.631 689	16	9.675 681	19	0.324 319	9.956 007	4	644	
		16		20			3		
357	9.631 705		9.675 701		0.324 299	9.956 004		643	
358	9.631 721	16	9.675 721	20	0.324 279	9.956 000	4	642	
359	9.631 737	16	9.675 740	19	0.324 260	9.955 996	4	641	
		16		20			3		
.360	9.631 753		9.675 760		0.324 240	9.955 993		.640	
		16		19			4		
361	9.631 769		9.675 779		0.324 221	9.955 989		639	
362	9.631 785	16	9.675 799	20	0.324 201	9.955 986	3	638	
363	9.631 800	15	9.675 818	19	0.324 182	9.955 982	4	637	
		16		20			4		
364	9.631 816		9.675 838		0.324 162	9.955 978		636	
365	9.631 832	16	9.675 858	20	0.324 142	9.955 975	3	635	
366	9.631 848	16	9.675 877	19	0.324 123	9.955 971	4	634	
		16		20			3		
367	9.631 864		9.675 897		0.324 103	9.955 968		633	
368	9.631 880	16	9.675 916	19	0.324 084	9.955 964	4	632	
369	9.631 896	16	9.675 936	20	0.324 064	9.955 960	4	631	
		16		20			3		
.370	9.631 912		9.675 956		0.324 044	9.955 957		.630	
		16		19			4		
371	9.631 928		9.675 975		0.324 025	9.955 953		629	
372	9.631 944	16	9.675 995	20	0.324 005	9.955 950	3	628	
373	9.631 960	16	9.676 014	19	0.323 986	9.955 946	4	627	
		16		20			3		
374	9.631 976		9.676 034		0.323 966	9.955 943		626	
375	9.631 992	16	9.676 053	19	0.323 947	9.955 939	4	625	
376	9.632 008	16	9.676 073	20	0.323 927	9.955 935	4	624	
		16		20			3		
377	9.632 024		9.676 093		0.323 907	9.955 932		623	
378	9.632 040	16	9.676 112	19	0.323 888	9.955 928	4	622	
379	9.632 056	16	9.676 132	20	0.323 868	9.955 925	3	621	
		16		19			4		
.380	9.632 072		9.676 151		0.323 849	9.955 921		.620	
		16		20			4		
381	9.632 088		9.676 171		0.323 829	9.955 917		619	
382	9.632 104	16	9.676 190	19	0.323 810	9.955 914	3	618	
383	9.632 120	16	9.676 210	20	0.323 790	9.955 910	4	617	
		16		20			3		
384	9.632 136		9.676 230		0.323 770	9.955 907		616	
385	9.632 152	16	9.676 249	19	0.323 751	9.955 903	4	615	
386	9.632 168	16	9.676 269	20	0.323 731	9.955 899	4	614	
		16		19			3		
387	9.632 184		9.676 288		0.323 712	9.955 896		613	
388	9.632 200	16	9.676 308	20	0.323 692	9.955 892	4	612	
389	9.632 216	16	9.676 327	19	0.323 673	9.955 889	3	611	
		16		20			4		
.390	9.632 232		9.676 347		0.323 653	9.955 885		.610	
		16		20			4		
391	9.632 248		9.676 367		0.323 633	9.955 881		609	
392	9.632 264	16	9.676 386	19	0.323 614	9.955 878	3	608	
393	9.632 280	16	9.676 406	20	0.323 594	9.955 874	4	607	
		16		19			3		
394	9.632 296		9.676 425		0.323 575	9.955 871		606	
395	9.632 312	16	9.676 445	20	0.323 555	9.955 867	4	605	
396	9.632 328	16	9.676 464	19	0.323 536	9.955 863	4	604	
		16		20			3		
397	9.632 344		9.676 484		0.323 516	9.955 860		603	
398	9.632 360	16	9.676 504	20	0.323 496	9.955 856	4	602	
399	9.632 376	16	9.676 523	19	0.323 477	9.955 853	3	601	
		16		20			4		
.400	9.632 392		9.676 543		0.323 457	9.955 849		.600	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	16
1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

64°.650 — 64°.600

25°.400 — 25°.450

25°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.632 392		9.676 543		0.323 457	9.955 849		**.600**	
		16		19			4		
401	9.632 408		9.676 562		0.323 438	9.955 845		599	
402	9.632 424	16	9.676 582	20	0.323 418	9.955 842	3	598	
403	9.632 440	16	9.676 601	19	0.323 399	9.955 838	4	597	
		15		20			4		
404	9.632 455		9.676 621		0.323 379	9.955 835	3	596	
405	9.632 471	16	9.676 640	19	0.323 360	9.955 831	4	595	
406	9.632 487	16	9.676 660	20	0.323 340	9.955 827	4	594	
		16		20			3		
407	9.632 503		9.676 680		0.323 320	9.955 824	4	593	
408	9.632 519	16	9.676 699	19	0.323 301	9.955 820	3	592	
409	9.632 535	16	9.676 719	20	0.323 281	9.955 817	4	591	
		16		19			4		
.410	9.632 551		9.676 738		0.323 262	9.955 813		**.590**	
		16		20			4		
411	9.632 567		9.676 758		0.323 242	9.955 809		589	
412	9.632 583	16	9.676 777	19	0.323 223	9.955 806	3	588	
413	9.632 599	16	9.676 797	20	0.323 203	9.955 802	4	587	
		16		19			3		
414	9.632 615		9.676 816		0.323 184	9.955 799	4	586	
415	9.632 631	16	9.676 836	20	0.323 164	9.955 795	4	585	
416	9.632 647	16	9.676 856	20	0.323 144	9.955 791	3	584	
		16		19			4		
417	9.632 663		9.676 875		0.323 125	9.955 788	3	583	
418	9.632 679	16	9.676 895	20	0.323 105	9.955 784	4	582	
419	9.632 695	16	9.676 914	19	0.323 086	9.955 781	3	581	
		16		20			4		
.420	9.632 711		9.676 934		0.323 066	9.955 777		**.580**	
		16		19			4		
421	9.632 727		9.676 953		0.323 047	9.955 773		579	
422	9.632 743	16	9.676 973	20	0.323 027	9.955 770	3	578	
423	9.632 759	16	9.676 992	19	0.323 008	9.955 766	4	577	
		16		20			3		
424	9.632 775		9.677 012		0.322 988	9.955 763	4	576	
425	9.632 790	15	9.677 032	20	0.322 968	9.955 759	4	575	
426	9.632 806	16	9.677 051	19	0.322 949	9.955 755	4	574	
		16		20			3		
427	9.632 822		9.677 071		0.322 929	9.955 752	4	573	
428	9.632 838	16	9.677 090	19	0.322 910	9.955 748	3	572	
429	9.632 854	16	9.677 110	20	0.322 890	9.955 745	4	571	
		16		19			4		
.430	9.632 870		9.677 129		0.322 871	9.955 741		**.570**	
		16		20			4		
431	9.632 886		9.677 149		0.322 851	9.955 737		569	
432	9.632 902	16	9.677 168	19	0.322 832	9.955 734	3	568	
433	9.632 918	16	9.677 188	20	0.322 812	9.955 730	4	567	
		16		19			3		
434	9.632 934		9.677 207		0.322 793	9.955 727		566	
435	9.632 950	16	9.677 227	20	0.322 773	9.955 723	4	565	
436	9.632 966	16	9.677 247	20	0.322 753	9.955 719	4	564	
		16		19			3		
437	9.632 982		9.677 266		0.322 734	9.955 716		563	
438	9.632 998	16	9.677 286	20	0.322 714	9.955 712	4	562	
439	9.633 014	16	9.677 305	19	0.322 695	9.955 708	4	561	
		16		20			3		
.440	9.633 030		9.677 325		0.322 675	9.955 705		**.560**	
		16		19			4		
441	9.633 046		9.677 344		0.322 656	9.955 701		559	
442	9.633 061	15	9.677 364	20	0.322 636	9.955 698	3	558	
443	9.633 077	16	9.677 383	19	0.322 617	9.955 694	4	557	
		16		20			4		
444	9.633 093		9.677 403		0.322 597	9.955 690		556	
445	9.633 109	16	9.677 422	19	0.322 578	9.955 687	3	555	
446	9.633 125	16	9.677 442	20	0.322 558	9.955 683	4	554	
		16		19			3		
447	9.633 141		9.677 461		0.322 539	9.955 680		553	
448	9.633 157	16	9.677 481	20	0.322 519	9.955 676	4	552	
449	9.633 173	16	9.677 501	20	0.322 499	9.955 672	4	551	
		16		19			3		
.450	9.633 189		9.677 520		0.322 480	9.955 669		**.550**	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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64°.600 — 64°.550

25°.450 — 25°.500

25°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.633 189		9.677 520		0.322 480	9.955 669		**.550**	
		16		20			4		
451	9.633 205		9.677 540		0.322 460	9.955 665		549	
452	9.633 221	16	9.677 559	19	0.322 441	9.955 662	3	548	
453	9.633 237	16	9.677 579	20	0.322 421	9.955 658	4	547	
		16		19			4		
454	9.633 253		9.677 598		0.322 402	9.955 654		546	
455	9.633 269	16	9.677 618	20	0.322 382	9.955 651	3	545	
456	9.633 284	15	9.677 637	19	0.322 363	9.955 647	4	544	
		16		20			3		
457	9.633 300		9.677 657		0.322 343	9.955 644		543	
458	9.633 316	16	9.677 676	19	0.322 324	9.955 640	4	542	
459	9.633 332	16	9.677 696	20	0.322 304	9.955 636	4	541	
		16		19			3		
.460	9.633 348		9.677 715		0.322 285	9.955 633		**.540**	
		16		20			4		
461	9.633 364		9.677 735		0.322 265	9.955 629		539	
462	9.633 380	16	9.677 754	19	0.322 246	9.955 626	3	538	
463	9.633 396	16	9.677 774	20	0.322 226	9.955 622	4	537	
		16		19			4		
464	9.633 412		9.677 793		0.322 207	9.955 618		536	
465	9.633 428	16	9.677 813	20	0.322 187	9.955 615	3	535	
466	9.633 444	16	9.677 833	20	0.322 167	9.955 611	4	534	
		16		19			4		
467	9.633 460		9.677 852		0.322 148	9.955 607		533	
468	9.633 475	15	9.677 872	20	0.322 128	9.955 604	3	532	
469	9.633 491	16	9.677 891	19	0.322 109	9.955 600	4	531	
		16		20			3		
.470	9.633 507		9.677 911		0.322 089	9.955 597		**.530**	
		16		19			4		
471	9.633 523		9.677 930		0.322 070	9.955 593		529	
472	9.633 539	16	9.677 950	20	0.322 050	9.955 589	4	528	
473	9.633 555	16	9.677 969	19	0.322 031	9.955 586	3	527	
		16		20			4		
474	9.633 571		9.677 989		0.322 011	9.955 582		526	
475	9.633 587	16	9.678 008	19	0.321 992	9.955 579	3	525	
476	9.633 603	16	9.678 028	20	0.321 972	9.955 575	4	524	
		16		19			4		
477	9.633 619		9.678 047		0.321 953	9.955 571		523	
478	9.633 635	16	9.678 067	20	0.321 933	9.955 568	3	522	
479	9.633 650	15	9.678 086	19	0.321 914	9.955 564	4	521	
		16		20			3		
.480	9.633 666		9.678 106		0.321 894	9.955 561		**.520**	
		16		19			4		
481	9.633 682		9.678 125		0.321 875	9.955 557		519	
482	9.633 698	16	9.678 145	20	0.321 855	9.955 553	4	518	
483	9.633 714	16	9.678 164	19	0.321 836	9.955 550	3	517	
		16		20			4		
484	9.633 730		9.678 184		0.321 816	9.955 546		516	
485	9.633 746	16	9.678 203	19	0.321 797	9.955 542	4	515	
486	9.633 762	16	9.678 223	20	0.321 777	9.955 539	3	514	
		16		19			4		
487	9.633 778		9.678 242		0.321 758	9.955 535		513	
488	9.633 794	16	9.678 262	20	0.321 738	9.955 532	3	512	
489	9.633 810	16	9.678 281	19	0.321 719	9.955 528	4	511	
		15		20			4		
.490	9.633 825		9.678 301		0.321 699	9.955 524		**.510**	
		16		20			3		
491	9.633 841		9.678 321		0.321 679	9.955 521		509	
492	9.633 857	16	9.678 340	19	0.321 660	9.955 517	4	508	
493	9.633 873	16	9.678 360	20	0.321 640	9.955 514	3	507	
		16		19			4		
494	9.633 889		9.678 379		0.321 621	9.955 510		506	
495	9.633 905	16	9.678 399	20	0.321 601	9.955 506	4	505	
496	9.633 921	16	9.678 418	19	0.321 582	9.955 503	3	504	
		16		20			4		
497	9.633 937		9.678 438		0.321 562	9.955 499		503	
498	9.633 953	16	9.678 457	19	0.321 543	9.955 495	4	502	
499	9.633 968	15	9.678 477	20	0.321 523	9.955 492	3	501	
		16		19			4		
.500	9.633 984		9.678 496		0.321 504	9.955 488		**.500**	
	cos	d	cotg	d	tang	sin	d	**64°**	P.P.

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64°.550 — 64°.500

25°.500 — 25°.550

25°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.633 984	16	9.678 496	20	0.321 504	9.955 488	3	.500	
501	9.634 000	16	9.678 516	19	0.321 484	9.955 485	4	499	
502	9.634 016	16	9.678 535	20	0.321 465	9.955 481	4	498	
503	9.634 032	16	9.678 555	19	0.321 445	9.955 477	3	497	
504	9.634 048	16	9.678 574	20	0.321 426	9.955 474	4	496	
505	9.634 064	16	9.678 594	19	0.321 406	9.955 470	3	495	
506	9.634 080	16	9.678 613	20	0.321 387	9.955 467	4	494	
507	9.634 096	15	9.678 633	19	0.321 367	9.955 463	4	493	
508	9.634 111	16	9.678 652	20	0.321 348	9.955 459	3	492	
509	9.634 127	16	9.678 672	19	0.321 328	9.955 456	4	491	
.510	9.634 143	16	9.678 691	20	0.321 309	9.955 452	4	.490	
511	9.634 159	16	9.678 711	19	0.321 289	9.955 448	3	489	
512	9.634 175	16	9.678 730	20	0.321 270	9.955 445	4	488	
513	9.634 191	16	9.678 750	19	0.321 250	9.955 441	3	487	
514	9.634 207	16	9.678 769	20	0.321 231	9.955 438	4	486	
515	9.634 223	16	9.678 789	19	0.321 211	9.955 434	4	485	
516	9.634 239	15	9.678 808	20	0.321 192	9.955 430	3	484	
517	9.634 254	16	9.678 828	19	0.321 172	9.955 427	4	483	
518	9.634 270	16	9.678 847	20	0.321 153	9.955 423	3	482	
519	9.634 286	16	9.678 867	19	0.321 133	9.955 420	4	481	
.520	9.634 302	16	9.678 886	20	0.321 114	9.955 416	4	.480	
521	9.634 318	16	9.678 906	19	0.321 094	9.955 412	3	479	
522	9.634 334	16	9.678 925	20	0.321 075	9.955 409	4	478	
523	9.634 350	16	9.678 945	19	0.321 055	9.955 405	4	477	
524	9.634 366	15	9.678 964	20	0.321 036	9.955 401	3	476	
525	9.634 381	16	9.678 984	19	0.321 016	9.955 398	4	475	
526	9.634 397	16	9.679 003	20	0.320 997	9.955 394	3	474	
527	9.634 413	16	9.679 023	19	0.320 977	9.955 391	4	473	
528	9.634 429	16	9.679 042	20	0.320 958	9.955 387	4	472	
529	9.634 445	16	9.679 062	19	0.320 938	9.955 383	3	471	
.530	9.634 461	16	9.679 081	20	0.320 919	9.955 380	4	.470	
531	9.634 477	16	9.679 101	19	0.320 899	9.955 376	4	469	
532	9.634 493	15	9.679 120	20	0.320 880	9.955 372	3	468	
533	9.634 508	16	9.679 140	19	0.320 860	9.955 369	4	467	
534	9.634 524	16	9.679 159	20	0.320 841	9.955 365	3	466	
535	9.634 540	16	9.679 179	19	0.320 821	9.955 362	4	465	
536	9.634 556	16	9.679 198	19	0.320 802	9.955 358	4	464	
537	9.634 572	16	9.679 217	20	0.320 783	9.955 354	3	463	
538	9.634 588	16	9.679 237	19	0.320 763	9.955 351	4	462	
539	9.634 604	15	9.679 256	20	0.320 744	9.955 347	3	461	
.540	9.634 619	16	9.679 276	19	0.320 724	9.955 344	4	.460	
541	9.634 635	16	9.679 295	20	0.320 705	9.955 340	4	459	
542	9.634 651	16	9.679 315	19	0.320 685	9.955 336	3	458	
543	9.634 667	16	9.679 334	20	0.320 666	9.955 333	4	457	
544	9.634 683	16	9.679 354	19	0.320 646	9.955 329	4	456	
545	9.634 699	16	9.679 373	20	0.320 627	9.955 325	3	455	
546	9.634 715	15	9.679 393	19	0.320 607	9.955 322	4	454	
547	9.634 730	16	9.679 412	20	0.320 588	9.955 318	3	453	
548	9.634 746	16	9.679 432	19	0.320 568	9.955 315	4	452	
549	9.634 762	16	9.679 451	20	0.320 549	9.955 311	4	451	
.550	9.634 778		9.679 471		0.320 529	9.955 307		.450	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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64°.500 — 64°.450

25°.550 — 25°.600

25°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.634 778		9.679 471		0.320 529	9.955 307		.450	
		16		19			3		
551	9.634 794		9.679 490		0.320 510	9.955 304		449	
		16		20			4		
552	9.634 810		9.679 510		0.320 490	9.955 300		448	
		16		19			4		
553	9.634 826		9.679 529		0.320 471	9.955 296		447	
		15		20			3		
554	9.634 841		9.679 549		0.320 451	9.955 293		446	
		16		19			4		
555	9.634 857		9.679 568		0.320 432	9.955 289		445	
		16		20			3		
556	9.634 873		9.679 588		0.320 412	9.955 286		444	
		16		19			4		
557	9.634 889		9.679 607		0.320 393	9.955 282		443	
		16		20			4		
558	9.634 905		9.679 627		0.320 373	9.955 278		442	
		16		19			3		
559	9.634 921		9.679 646		0.320 354	9.955 275		441	
		16		20			4		
.560	9.634 937		9.679 666		0.320 334	9.955 271		.440	
		15		19			4		
561	9.634 952		9.679 685		0.320 315	9.955 267		439	
		16		19			3		
562	9.634 968		9.679 704		0.320 296	9.955 264		438	
		16		20			4		
563	9.634 984		9.679 724		0.320 276	9.955 260		437	
		16		19			3		
564	9.635 000		9.679 743		0.320 257	9.955 257		436	
		16		20			4		
565	9.635 016		9.679 763		0.320 237	9.955 253		435	
		16		19			4		
566	9.635 032		9.679 782		0.320 218	9.955 249		434	
		15		20			3		
567	9.635 047		9.679 802		0.320 198	9.955 246		433	
		16		19			4		
568	9.635 063		9.679 821		0.320 179	9.955 242		432	
		16		20			4		
569	9.635 079		9.679 841		0.320 159	9.955 238		431	
		16		19			3		
.570	9.635 095		9.679 860		0.320 140	9.955 235		.430	
		16		20			4		
571	9.635 111		9.679 880		0.320 120	9.955 231		429	
		16		19			3		
572	9.635 127		9.679 899		0.320 101	9.955 228		428	
		16		20			4		
573	9.635 143		9.679 919		0.320 081	9.955 224		427	
		15		19			4		
574	9.635 158		9.679 938		0.320 062	9.955 220		426	
		16		20			3		
575	9.635 174		9.679 958		0.320 042	9.955 217		425	
		16		19			4		
576	9.635 190		9.679 977		0.320 023	9.955 213		424	
		16		20			4		
577	9.635 206		9.679 997		0.320 003	9.955 209		423	
		16		19			3		
578	9.635 222		9.680 016		0.319 984	9.955 206		422	
		16		19			4		
579	9.635 238		9.680 035		0.319 965	9.955 202		421	
		15		20			4		
.580	9.635 253		9.680 055		0.319 945	9.955 198		.420	
		16		19			3		
581	9.635 269		9.680 074		0.319 926	9.955 195		419	
		16		20			4		
582	9.635 285		9.680 094		0.319 906	9.955 191		418	
		16		19			3		
583	9.635 301		9.680 113		0.319 887	9.955 188		417	
		16		20			4		
584	9.635 317		9.680 133		0.319 867	9.955 184		416	
		16		19			4		
585	9.635 333		9.680 152		0.319 848	9.955 180		415	
		15		20			3		
586	9.635 348		9.680 172		0.319 828	9.955 177		414	
		16		19			4		
587	9.635 364		9.680 191		0.319 809	9.955 173		413	
		16		20			4		
588	9.635 380		9.680 211		0.319 789	9.955 169		412	
		16		19			3		
589	9.635 396		9.680 230		0.319 770	9.955 166		411	
		16		19			4		
.590	9.635 412		9.680 249		0.319 751	9.955 162		.410	
		16		20			3		
591	9.635 428		9.680 269		0.319 731	9.955 159		409	
		15		19			4		
592	9.635 443		9.680 288		0.319 712	9.955 155		408	
		16		20			4		
593	9.635 459		9.680 308		0.319 692	9.955 151		407	
		16		19			3		
594	9.635 475		9.680 327		0.319 673	9.955 148		406	
		16		20			4		
595	9.635 491		9.680 347		0.319 653	9.955 144		405	
		16		19			4		
596	9.635 507		9.680 366		0.319 634	9.955 140		404	
		15		20			3		
597	9.635 522		9.680 386		0.319 614	9.955 137		403	
		16		19			4		
598	9.635 538		9.680 405		0.319 595	9.955 133		402	
		16		20			3		
599	9.635 554		9.680 425		0.319 575	9.955 130		401	
		16		19			4		
.600	9.635 570		9.680 444		0.319 556	9.955 126		.400	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

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3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

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2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

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1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

64°.450 — 64°.400

25°.600 — 25°.650

25°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.635 570		9.680 444		0.319 556	9.955 126		**.400**	
		16		19			4		
601	9.635 586		9.680 463		0.319 537	9.955 122		399	
602	9.635 602	16	9.680 483	20	0.319 517	9.955 119	3	398	
603	9.635 617	15	9.680 502	19	0.319 498	9.955 115	4	397	
		16		20			4		20
604	9.635 633		9.680 522		0.319 478	9.955 111		396	1 2.0
605	9.635 649	16	9.680 541	19	0.319 459	9.955 108	3	395	2 4.0
606	9.635 665	16	9.680 561	20	0.319 439	9.955 104	4	394	3 6.0
		16		19			4		4 8.0
607	9.635 681		9.680 580		0.319 420	9.955 100		393	5 10.0
608	9.635 696	15	9.680 600	20	0.319 400	9.955 097	3	392	6 12.0
609	9.635 712	16	9.680 619	19	0.319 381	9.955 093	4	391	7 14.0
		16		20			3		8 16.0
.610	9.635 728		9.680 639		0.319 361	9.955 090		**.390**	9 18.0
		16		19			4		
611	9.635 744		9.680 658		0.319 342	9.955 086		389	
612	9.635 760	16	9.680 677	19	0.319 323	9.955 082	4	388	
613	9.635 776	16	9.680 697	20	0.319 303	9.955 079	3	387	
		15		19			4		
614	9.635 791		9.680 716		0.319 284	9.955 075		386	
615	9.635 807	16	9.680 736	20	0.319 264	9.955 071	4	385	19
616	9.635 823	16	9.680 755	19	0.319 245	9.955 068	3	384	
		16		20			4		1 1.9
617	9.635 839		9.680 775		0.319 225	9.955 064		383	2 3.8
618	9.635 855	16	9.680 794	19	0.319 206	9.955 060	4	382	3 5.7
619	9.635 870	15	9.680 814	20	0.319 186	9.955 057	3	381	4 7.6
		16		19			4		5 9.5
.620	9.635 886		9.680 833		0.319 167	9.955 053		**.380**	6 11.4
		16		19			3		7 13.3
621	9.635 902		9.680 852		0.319 148	9.955 050		379	8 15.2
622	9.635 918	16	9.680 872	20	0.319 128	9.955 046	4	378	9 17.1
623	9.635 934	16	9.680 891	19	0.319 109	9.955 042	4	377	
		15		20			3		
624	9.635 949		9.680 911		0.319 089	9.955 039		376	
625	9.635 965	16	9.680 930	19	0.319 070	9.955 035	4	375	
626	9.635 981	16	9.680 950	20	0.319 050	9.955 031	4	374	
		16		19			3		
627	9.635 997		9.680 969		0.319 031	9.955 028		373	16
628	9.636 013	16	9.680 988	19	0.319 012	9.955 024	4	372	
629	9.636 028	15	9.681 008	20	0.318 992	9.955 021	3	371	1 1.6
		16		19			4		2 3.2
.630	9.636 044		9.681 027		0.318 973	9.955 017		**.370**	3 4.8
		16		20			4		4 6.4
631	9.636 060		9.681 047		0.318 953	9.955 013		369	5 8.0
632	9.636 076	16	9.681 066	19	0.318 934	9.955 010	3	368	6 9.6
633	9.636 092	16	9.681 086	20	0.318 914	9.955 006	4	367	7 11.2
		15		19			4		8 12.8
634	9.636 107		9.681 105		0.318 895	9.955 002		366	9 14.4
635	9.636 123	16	9.681 125	20	0.318 875	9.954 999	3	365	
636	9.636 139	16	9.681 144	19	0.318 856	9.954 995	4	364	
		16		19			4		
637	9.636 155		9.681 163		0.318 837	9.954 991		363	
638	9.636 171	16	9.681 183	20	0.318 817	9.954 988	3	362	
639	9.636 186	15	9.681 202	19	0.318 798	9.954 984	4	361	15
		16		20			4		
.640	9.636 202		9.681 222		0.318 778	9.954 980		**.360**	1 1.5
		16		19			3		2 3.0
641	9.636 218		9.681 241		0.318 759	9.954 977		359	3 4.5
642	9.636 234	16	9.681 261	20	0.318 739	9.954 973	4	358	4 6.0
643	9.636 250	16	9.681 280	19	0.318 720	9.954 970	3	357	5 7.5
		15		19			4		6 9.0
644	9.636 265		9.681 299		0.318 701	9.954 966		356	7 10.5
645	9.636 281	16	9.681 319	20	0.318 681	9.954 962	4	355	8 12.0
646	9.636 297	16	9.681 338	19	0.318 662	9.954 959	3	354	9 13.5
		16		20			4		
647	9.636 313		9.681 358		0.318 642	9.954 955		353	
648	9.636 329	16	9.681 377	19	0.318 623	9.954 951	4	352	
649	9.636 344	15	9.681 397	20	0.318 603	9.954 948	3	351	
		16		19			4		
.650	9.636 360		9.681 416		0.318 584	9.954 944		**.350**	
	cos	d	cotg	d	tang	sin	d	**64°**	P.P.

64°.400 — 64°.350

25°.650 — 25°.700

25°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.636 360		9.681 416		0.318 584	9.954 944		**.350**	
		16		19			4		
651	9.636 376		9.681 435		0.318 565	9.954 940		349	
652	9.636 392	16	9.681 455	20	0.318 545	9.954 937	3	348	
653	9.636 407	15	9.681 474	19	0.318 526	9.954 933	4	347	
		16		20			3		
654	9.636 423		9.681 494		0.318 506	9.954 930		346	
655	9.636 439	16	9.681 513	19	0.318 487	9.954 926	4	345	
656	9.636 455	16	9.681 533	20	0.318 467	9.954 922	4	344	
		16		19			3		
657	9.636 471		9.681 552		0.318 448	9.954 919		343	
658	9.636 486	15	9.681 571	19	0.318 429	9.954 915	4	342	
659	9.636 502	16	9.681 591	20	0.318 409	9.954 911	4	341	
		16		19			3		
.660	9.636 518		9.681 610		0.318 390	9.954 908		**.340**	
		16		20			4		
661	9.636 534		9.681 630		0.318 370	9.954 904		339	
662	9.636 549	15	9.681 649	19	0.318 351	9.954 900	4	338	
663	9.636 565	16	9.681 668	19	0.318 332	9.954 897	3	337	
		16		20			4		
664	9.636 581		9.681 688		0.318 312	9.954 893		336	
665	9.636 597	16	9.681 707	19	0.318 293	9.954 889	4	335	
666	9.636 613	16	9.681 727	20	0.318 273	9.954 886	3	334	
		15		19			4		
667	9.636 628		9.681 746		0.318 254	9.954 882		333	
668	9.636 644	16	9.681 766	20	0.318 234	9.954 879	3	332	
669	9.636 660	16	9.681 785	19	0.318 215	9.954 875	4	331	
		16		19			4		
.670	9.636 676		9.681 804		0.318 196	9.954 871		**.330**	
		15		20			3		
671	9.636 691		9.681 824		0.318 176	9.954 868		329	
672	9.636 707	16	9.681 843	19	0.318 157	9.954 864	4	328	
673	9.636 723	16	9.681 863	20	0.318 137	9.954 860	4	327	
		16		19			3		
674	9.636 739		9.681 882		0.318 118	9.954 857		326	
675	9.636 754	15	9.681 901	19	0.318 099	9.954 853	4	325	
676	9.636 770	16	9.681 921	20	0.318 079	9.954 849	4	324	
		16		19			3		
677	9.636 786		9.681 940		0.318 060	9.954 846		323	
678	9.636 802	16	9.681 960	20	0.318 040	9.954 842	4	322	
679	9.636 818	16	9.681 979	19	0.318 021	9.954 838	4	321	
		15		19			3		
.680	9.636 833		9.681 998		0.318 002	9.954 835		**.320**	
		16		20			4		
681	9.636 849		9.682 018		0.317 982	9.954 831		319	
682	9.636 865	16	9.682 037	19	0.317 963	9.954 828	3	318	
683	9.636 881	16	9.682 057	20	0.317 943	9.954 824	4	317	
		15		19			4		
684	9.636 896		9.682 076		0.317 924	9.954 820		316	
685	9.636 912	16	9.682 096	20	0.317 904	9.954 817	3	315	
686	9.636 928	16	9.682 115	19	0.317 885	9.954 813	4	314	
		16		19			4		
687	9.636 944		9.682 134		0.317 866	9.954 809		313	
688	9.636 959	15	9.682 154	20	0.317 846	9.954 806	3	312	
689	9.636 975	16	9.682 173	19	0.317 827	9.954 802	4	311	
		16		20			4		
.690	9.636 991		9.682 193		0.317 807	9.954 798		**.310**	
		16		19			3		
691	9.637 007		9.682 212		0.317 788	9.954 795		309	
692	9.637 022	15	9.682 231	19	0.317 769	9.954 791	4	308	
693	9.637 038	16	9.682 251	20	0.317 749	9.954 787	4	307	
		16		19			3		
694	9.637 054		9.682 270		0.317 730	9.954 784		306	
695	9.637 070	16	9.682 290	20	0.317 710	9.954 780	4	305	
696	9.637 085	15	9.682 309	19	0.317 691	9.954 777	3	304	
		16		19			4		
697	9.637 101		9.682 328		0.317 672	9.954 773		303	
698	9.637 117	16	9.682 348	20	0.317 652	9.954 769	4	302	
699	9.637 133	16	9.682 367	19	0.317 633	9.954 766	3	301	
		15		20			4		
.700	9.637 148		9.682 387		0.317 613	9.954 762		**.300**	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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9	17.1

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7	10.5
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9	13.5

64°.350 — 64°.300

25°.700 — 25°.750

25°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.637 148		9.682 387		0.317 613	9.954 762		**.300**	
		16		19			4		
701	9.637 164		9.682 406		0.317 594	9.954 758		299	
702	9.637 180	16	9.682 425	19	0.317 575	9.954 755	3	298	
703	9.637 196	16	9.682 445	20	0.317 555	9.954 751	4	297	
		15		19			4		
704	9.637 211		9.682 464		0.317 536	9.954 747		296	
705	9.637 227	16	9.682 484	20	0.317 516	9.954 744	3	295	
706	9.637 243	16	9.682 503	19	0.317 497	9.954 740	4	294	
		16		19			4		
707	9.637 259		9.682 522		0.317 478	9.954 736		293	
708	9.637 274	15	9.682 542	20	0.317 458	9.954 733	3	292	
709	9.637 290	16	9.682 561	19	0.317 439	9.954 729	4	291	
		16		19			4		
.710	9.637 306		9.682 580		0.317 420	9.954 725		**.290**	
		16		20			3		
711	9.637 322		9.682 600		0.317 400	9.954 722		289	
712	9.637 337	15	9.682 619	19	0.317 381	9.954 718	4	288	
713	9.637 353	16	9.682 639	20	0.317 361	9.954 714	4	287	
		16		19			3		
714	9.637 369		9.682 658		0.317 342	9.954 711		286	
715	9.637 385	16	9.682 677	19	0.317 323	9.954 707	4	285	
716	9.637 400	15	9.682 697	20	0.317 303	9.954 704	3	284	
		16		19			4		
717	9.637 416		9.682 716		0.317 284	9.954 700		283	
718	9.637 432	16	9.682 736	20	0.317 264	9.954 696	4	282	
719	9.637 448	16	9.682 755	19	0.317 245	9.954 693	3	281	
		15		19			4		
.720	9.637 463		9.682 774		0.317 226	9.954 689		**.280**	
		16		20			4		
721	9.637 479		9.682 794		0.317 206	9.954 685		279	
722	9.637 495	16	9.682 813	19	0.317 187	9.954 682	3	278	
723	9.637 511	16	9.682 833	20	0.317 167	9.954 678	4	277	
		15		19			4		
724	9.637 526		9.682 852		0.317 148	9.954 674		276	
725	9.637 542	16	9.682 871	19	0.317 129	9.954 671	3	275	
726	9.637 558	16	9.682 891	20	0.317 109	9.954 667	4	274	
		15		19			4		
727	9.637 573		9.682 910		0.317 090	9.954 663		273	
728	9.637 589	16	9.682 929	19	0.317 071	9.954 660	3	272	
729	9.637 605	16	9.682 949	20	0.317 051	9.954 656	4	271	
		16		19			4		
.730	9.637 621		9.682 968		0.317 032	9.954 652		**.270**	
		15		20			3		
731	9.637 636		9.682 988		0.317 012	9.954 649		269	
732	9.637 652	16	9.683 007	19	0.316 993	9.954 645	4	268	
733	9.637 668	16	9.683 026	19	0.316 974	9.954 641	4	267	
		16		20			3		
734	9.637 684		9.683 046		0.316 954	9.954 638		266	
735	9.637 699	15	9.683 065	19	0.316 935	9.954 634	4	265	
736	9.637 715	16	9.683 085	20	0.316 915	9.954 630	4	264	
		16		19			3		
737	9.637 731		9.683 104		0.316 896	9.954 627		263	
738	9.637 746	15	9.683 123	19	0.316 877	9.954 623	4	262	
739	9.637 762	16	9.683 143	20	0.316 857	9.954 620	3	261	
		16		19			4		
.740	9.637 778		9.683 162		0.316 838	9.954 616		**.260**	
		16		19			4		
741	9.637 794		9.683 181		0.316 819	9.954 612		259	
742	9.637 809	15	9.683 201	20	0.316 799	9.954 609	3	258	
743	9.637 825	16	9.683 220	19	0.316 780	9.954 605	4	257	
		16		20			4		
744	9.637 841		9.683 240		0.316 760	9.954 601		256	
745	9.637 856	15	9.683 259	19	0.316 741	9.954 598	3	255	
746	9.637 872	16	9.683 278	19	0.316 722	9.954 594	4	254	
		16		20			4		
747	9.637 888		9.683 298		0.316 702	9.954 590		253	
748	9.637 904	16	9.683 317	19	0.316 683	9.954 587	3	252	
749	9.637 919	15	9.683 336	19	0.316 664	9.954 583	4	251	
		16		20			4		
.750	9.637 935		9.683 356		0.316 644	9.954 579		**.250**	
	cos	d	cotg	d	tang	sin	d	**64°**	P.P.

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9	13.5

64°.300 — 64°.250

25°.750 — 25°.800

25°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.637 935		9.683 356		0.316 644	9.954 579		.250	
		16		19			3		
751	9.637 951		9.683 375		0.316 625	9.954 576		249	
752	9.637 966	15	9.683 394	19	0.316 606	9.954 572	4	248	
753	9.637 982	16	9.683 414	20	0.316 586	9.954 568	4	247	
		16		19			3		
754	9.637 998		9.683 433		0.316 567	9.954 565		246	
755	9.638 014	16	9.683 453	20	0.316 547	9.954 561	4	245	
756	9.638 029	15	9.683 472	19	0.316 528	9.954 557	4	244	
		16		19			3		
757	9.638 045		9.683 491		0.316 509	9.954 554		243	
758	9.638 061	16	9.683 511	20	0.316 489	9.954 550	4	242	
759	9.638 076	15	9.683 530	19	0.316 470	9.954 546	4	241	
		16		19			3		
.760	9.638 092		9.683 549		0.316 451	9.954 543		.240	
		16		20			4		
761	9.638 108		9.683 569		0.316 431	9.954 539		239	
762	9.638 124	16	9.683 588	19	0.316 412	9.954 535	4	238	
763	9.638 139	15	9.683 608	20	0.316 392	9.954 532	3	237	
		16		19			4		
764	9.638 155		9.683 627		0.316 373	9.954 528		236	
765	9.638 171	16	9.683 646	19	0.316 354	9.954 524	4	235	
766	9.638 186	15	9.683 666	20	0.316 334	9.954 521	3	234	
		16		19			4		
767	9.638 202		9.683 685		0.316 315	9.954 517		233	
768	9.638 218	16	9.683 704	19	0.316 296	9.954 513	4	232	
769	9.638 234	16	9.683 724	20	0.316 276	9.954 510	3	231	
		15		19			4		
.770	9.638 249		9.683 743		0.316 257	9.954 506		.230	
		16		19			4		
771	9.638 265		9.683 762		0.316 238	9.954 502		229	
772	9.638 281	16	9.683 782	20	0.316 218	9.954 499	3	228	
773	9.638 296	15	9.683 801	19	0.316 199	9.954 495	4	227	
		16		19			3		
774	9.638 312		9.683 820		0.316 180	9.954 492		226	
775	9.638 328	16	9.683 840	20	0.316 160	9.954 488	4	225	
776	9.638 343	15	9.683 859	19	0.316 141	9.954 484	4	224	
		16		20			3		
777	9.638 359		9.683 879		0.316 121	9.954 481		223	
778	9.638 375	16	9.683 898	19	0.316 102	9.954 477	4	222	
779	9.638 390	15	9.683 917	19	0.316 083	9.954 473	4	221	
		16		20			3		
.780	9.638 406		9.683 937		0.316 063	9.954 470		.220	
		16		19			4		
781	9.638 422		9.683 956		0.316 044	9.954 466		219	
782	9.638 438	16	9.683 975	19	0.316 025	9.954 462	4	218	
783	9.638 453	15	9.683 995	20	0.316 005	9.954 459	3	217	
		16		19			4		
784	9.638 469		9.684 014		0.315 986	9.954 455		216	
785	9.638 485	16	9.684 033	19	0.315 967	9.954 451	4	215	
786	9.638 500	15	9.684 053	20	0.315 947	9.954 448	3	214	
		16		19			4		
787	9.638 516		9.684 072		0.315 928	9.954 444		213	
788	9.638 532	16	9.684 091	19	0.315 909	9.954 440	4	212	
789	9.638 547	15	9.684 111	20	0.315 889	9.954 437	3	211	
		16		19			4		
.790	9.638 563		9.684 130		0.315 870	9.954 433		.210	
		16		19			4		
791	9.638 579		9.684 149		0.315 851	9.954 429		209	
792	9.638 594	15	9.684 169	20	0.315 831	9.954 426	3	208	
793	9.638 610	16	9.684 188	19	0.315 812	9.954 422	4	207	
		16		20			4		
794	9.638 626		9.684 208		0.315 792	9.954 418		206	
795	9.638 642	16	9.684 227	19	0.315 773	9.954 415	3	205	
796	9.638 657	15	9.684 246	19	0.315 754	9.954 411	4	204	
		16		20			4		
797	9.638 673		9.684 266		0.315 734	9.954 407		203	
798	9.638 689	16	9.684 285	19	0.315 715	9.954 404	3	202	
799	9.638 704	15	9.684 304	19	0.315 696	9.954 400	4	201	
		16		20			4		
.800	9.638 720		9.684 324		0.315 676	9.954 396		.200	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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9	13.5

64°.250 — 64°.200

25°.800 — 25°.850

25°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.638 720		9.684 324		0.315 676	9.954 396		**.200**	
		16		19			3		
801	9.638 736		9.684 343		0.315 657	9.954 393		199	
802	9.638 751	15	9.684 362	19	0.315 638	9.954 389	4	198	
803	9.638 767	16	9.684 382	20	0.315 618	9.954 385	4	197	
		16		19			3		
804	9.638 783		9.684 401		0.315 599	9.954 382		196	
805	9.638 798	15	9.684 420	19	0.315 580	9.954 378	4	195	
806	9.638 814	16	9.684 440	20	0.315 560	9.954 374	4	194	
		16		19			3		
807	9.638 830		9.684 459		0.315 541	9.954 371		193	
808	9.638 845	15	9.684 478	19	0.315 522	9.954 367	4	192	
809	9.638 861	16	9.684 498	20	0.315 502	9.954 363	4	191	
		16		19			3		
.810	9.638 877		9.684 517		0.315 483	9.954 360		**.190**	
		15		19			4		
811	9.638 892		9.684 536		0.315 464	9.954 356		189	
812	9.638 908	16	9.684 556	20	0.315 444	9.954 352	4	188	
813	9.638 924	16	9.684 575	19	0.315 425	9.954 349	3	187	
		15		19			4		
814	9.638 939		9.684 594		0.315 406	9.954 345		186	
815	9.638 955	16	9.684 614	20	0.315 386	9.954 341	4	185	
816	9.638 971	16	9.684 633	19	0.315 367	9.954 338	3	184	
		15		19			4		
817	9.638 986		9.684 652		0.315 348	9.954 334		183	
818	9.639 002	16	9.684 672	20	0.315 328	9.954 330	4	182	
819	9.639 018	16	9.684 691	19	0.315 309	9.954 327	3	181	
		15		19			4		
.820	9.639 033		9.684 710		0.315 290	9.954 323		**.180**	
		16		20			4		
821	9.639 049		9.684 730		0.315 270	9.954 319		179	
822	9.639 065	16	9.684 749	19	0.315 251	9.954 316	3	178	
823	9.639 080	15	9.684 768	19	0.315 232	9.954 312	4	177	
		16		20			4		
824	9.639 096		9.684 788		0.315 212	9.954 308		176	
825	9.639 112	16	9.684 807	19	0.315 193	9.954 305	3	175	
826	9.639 127	15	9.684 826	19	0.315 174	9.954 301	4	174	
		16		20			4		
827	9.639 143		9.684 846		0.315 154	9.954 297		173	
828	9.639 159	16	9.684 865	19	0.315 135	9.954 294	3	172	
829	9.639 174	15	9.684 884	19	0.315 116	9.954 290	4	171	
		16		20			4		
.830	9.639 190		9.684 904		0.315 096	9.954 286		**.170**	
		16		19			3		
831	9.639 206		9.684 923		0.315 077	9.954 283		169	
832	9.639 221	15	9.684 942	19	0.315 058	9.954 279	4	168	
833	9.639 237	16	9.684 962	20	0.315 038	9.954 275	4	167	
		16		19			3		
834	9.639 253		9.684 981		0.315 019	9.954 272		166	
835	9.639 268	15	9.685 000	19	0.315 000	9.954 268	4	165	
836	9.639 284	16	9.685 020	20	0.314 980	9.954 264	4	164	
		16		19			3		
837	9.639 300		9.685 039		0.314 961	9.954 261		163	
838	9.639 315	15	9.685 058	19	0.314 942	9.954 257	4	162	
839	9.639 331	16	9.685 078	20	0.314 922	9.954 253	4	161	
		16		19			3		
.840	9.639 347		9.685 097		0.314 903	9.954 250		**.160**	
		15		19			4		
841	9.639 362		9.685 116		0.314 884	9.954 246		159	
842	9.639 378	16	9.685 136	20	0.314 864	9.954 242	4	158	
843	9.639 394	16	9.685 155	19	0.314 845	9.954 239	3	157	
		15		19			4		
844	9.639 409		9.685 174		0.314 826	9.954 235		156	
845	9.639 425	16	9.685 194	20	0.314 806	9.954 231	4	155	
846	9.639 440	15	9.685 213	19	0.314 787	9.954 228	3	154	
		16		19			4		
847	9.639 456		9.685 232		0.314 768	9.954 224		153	
848	9.639 472	16	9.685 252	20	0.314 748	9.954 220	4	152	
849	9.639 487	15	9.685 271	19	0.314 729	9.954 217	3	151	
		16		19			4		
.850	9.639 503		9.685 290		0.314 710	9.954 213		**.150**	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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64°.200 — 64°.150

25°.850 — 25°.900

25°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.639 503		9.685 290		0.314 710	9.954 213		.150	
		16		19			4		
851	9.639 519		9.685 309		0.314 691	9.954 209		149	
852	9.639 534	15	9.685 329	20	0.314 671	9.954 206	3	148	
853	9.639 550	16	9.685 348	19	0.314 652	9.954 202	4	147	
		16		19			4		
854	9.639 566		9.685 367		0.314 633	9.954 198		146	
855	9.639 581	15	9.685 387	20	0.314 613	9.954 195	3	145	
856	9.639 597	16	9.685 406	19	0.314 594	9.954 191	4	144	
		16		19			4		
857	9.639 613		9.685 425		0.314 575	9.954 187		143	
858	9.639 628	15	9.685 445	20	0.314 555	9.954 184	3	142	
859	9.639 644	16	9.685 464	19	0.314 536	9.954 180	4	141	
		15		19			4		
.860	9.639 659		9.685 483		0.314 517	9.954 176		.140	
		16		20			4		
861	9.639 675		9.685 503		0.314 497	9.954 172		139	
862	9.639 691	16	9.685 522	19	0.314 478	9.954 169	3	138	
863	9.639 706	15	9.685 541	19	0.314 459	9.954 165	4	137	
		16		20			4		
864	9.639 722		9.685 561		0.314 439	9.954 161		136	
865	9.639 738	16	9.685 580	19	0.314 420	9.954 158	3	135	
866	9.639 753	15	9.685 599	19	0.314 401	9.954 154	4	134	
		16		19			4		
867	9.639 769		9.685 618		0.314 382	9.954 150		133	
868	9.639 785	16	9.685 638	20	0.314 362	9.954 147	3	132	
869	9.639 800	15	9.685 657	19	0.314 343	9.954 143	4	131	
		16		19			4		
.870	9.639 816		9.685 676		0.314 324	9.954 139		.130	
		15		20			3		
871	9.639 831		9.685 696		0.314 304	9.954 136		129	
872	9.639 847	16	9.685 715	19	0.314 285	9.954 132	4	128	
873	9.639 863	16	9.685 734	19	0.314 266	9.954 128	4	127	
		15		20			3		
874	9.639 878		9.685 754		0.314 246	9.954 125		126	
875	9.639 894	16	9.685 773	19	0.314 227	9.954 121	4	125	
876	9.639 910	16	9.685 792	19	0.314 208	9.954 117	4	124	
		15		20			3		
877	9.639 925		9.685 812		0.314 188	9.954 114		123	
878	9.639 941	16	9.685 831	19	0.314 169	9.954 110	4	122	
879	9.639 956	15	9.685 850	19	0.314 150	9.954 106	4	121	
		16		19			3		
.880	9.639 972		9.685 869		0.314 131	9.954 103		.120	
		16		20			4		
881	9.639 988		9.685 889		0.314 111	9.954 099		119	
882	9.640 003	15	9.685 908	19	0.314 092	9.954 095	4	118	
883	9.640 019	16	9.685 927	19	0.314 073	9.954 092	3	117	
		16		20			4		
884	9.640 035		9.685 947		0.314 053	9.954 088		116	
885	9.640 050	15	9.685 966	19	0.314 034	9.954 084	4	115	
886	9.640 066	16	9.685 985	19	0.314 015	9.954 081	3	114	
		15		20			4		
887	9.640 081		9.686 005		0.313 995	9.954 077		113	
888	9.640 097	16	9.686 024	19	0.313 976	9.954 073	4	112	
889	9.640 113	16	9.686 043	19	0.313 957	9.954 070	3	111	
		15		19			4		
.890	9.640 128		9.686 062		0.313 938	9.954 066		.110	
		16		20			4		
891	9.640 144		9.686 082		0.313 918	9.954 062		109	
892	9.640 160	16	9.686 101	19	0.313 899	9.954 059	3	108	
893	9.640 175	15	9.686 120	19	0.313 880	9.954 055	4	107	
		16		20			4		
894	9.640 191		9.686 140		0.313 860	9.954 051		106	
895	9.640 206	15	9.686 159	19	0.313 841	9.954 047	4	105	
896	9.640 222	16	9.686 178	19	0.313 822	9.954 044	3	104	
		16		19			4		
897	9.640 238		9.686 197		0.313 803	9.954 040		103	
898	9.640 253	15	9.686 217	20	0.313 783	9.954 036	4	102	
899	9.640 269	16	9.686 236	19	0.313 764	9.954 033	3	101	
		15		19			4		
.900	9.640 284		9.686 255		0.313 745	9.954 029		.100	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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7	10.5
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9	13.5

64°.150 — 64°.100

25°.900 — 25°.950

25°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.640 284		9.686 255		0.313 745	9.954 029		.100	
		16		20			4		
901	9.640 300		9.686 275		0.313 725	9.954 025		099	
902	9.640 316	16	9.686 294	19	0.313 706	9.954 022	3	098	
903	9.640 331	15	9.686 313	19	0.313 687	9.954 018	4	097	
		16		20			4		20
904	9.640 347		9.686 333		0.313 667	9.954 014		096	1 2.0
905	9.640 362	15	9.686 352	19	0.313 648	9.954 011	3	095	2 4.0
906	9.640 378	16	9.686 371	19	0.313 629	9.954 007	4	094	3 6.0
		16		19			4		4 8.0
907	9.640 394		9.686 390		0.313 610	9.954 003		093	5 10.0
908	9.640 409	15	9.686 410	20	0.313 590	9.954 000	3	092	6 12.0
909	9.640 425	16	9.686 429	19	0.313 571	9.953 996	4	091	7 14.0
		15		19			4		8 16.0
.910	9.640 440		9.686 448		0.313 552	9.953 992		.090	9 18.0
		16		20			3		
911	9.640 456		9.686 468		0.313 532	9.953 989		089	
912	9.640 472	16	9.686 487	19	0.313 513	9.953 985	4	088	
913	9.640 487	15	9.686 506	19	0.313 494	9.953 981	4	087	
		16		19			3		
914	9.640 503		9.686 525		0.313 475	9.953 978		086	
915	9.640 518	15	9.686 545	20	0.313 455	9.953 974	4	085	
916	9.640 534	16	9.686 564	19	0.313 436	9.953 970	4	084	19
		16		19			4		
917	9.640 550		9.686 583		0.313 417	9.953 966		083	1 1.9
918	9.640 565	15	9.686 602	19	0.313 398	9.953 963	3	082	2 3.8
919	9.640 581	16	9.686 622	20	0.313 378	9.953 959	4	081	3 5.7
		15		19			4		4 7.6
.920	9.640 596		9.686 641		0.313 359	9.953 955		.080	5 9.5
		16		19			3		6 11.4
921	9.640 612		9.686 660		0.313 340	9.953 952		079	7 13.3
922	9.640 628	16	9.686 680	20	0.313 320	9.953 948	4	078	8 15.2
923	9.640 643	15	9.686 699	19	0.313 301	9.953 944	4	077	9 17.1
		16		19			3		
924	9.640 659		9.686 718		0.313 282	9.953 941		076	
925	9.640 674	15	9.686 737	19	0.313 263	9.953 937	4	075	
926	9.640 690	16	9.686 757	20	0.313 243	9.953 933	4	074	
		16		19			3		
927	9.640 706		9.686 776		0.313 224	9.953 930		073	16
928	9.640 721	15	9.686 795	19	0.313 205	9.953 926	4	072	
929	9.640 737	16	9.686 815	20	0.313 185	9.953 922	4	071	1 1.6
		15		19			3		2 3.2
.930	9.640 752		9.686 834		0.313 166	9.953 919		.070	3 4.8
		16		19			4		4 6.4
931	9.640 768		9.686 853		0.313 147	9.953 915		069	5 8.0
932	9.640 784	16	9.686 872	19	0.313 128	9.953 911	4	068	6 9.6
933	9.640 799	15	9.686 892	20	0.313 108	9.953 908	3	067	7 11.2
		16		19			4		8 12.8
934	9.640 815		9.686 911		0.313 089	9.953 904		066	9 14.4
935	9.640 830	15	9.686 930	19	0.313 070	9.953 900	4	065	
936	9.640 846	16	9.686 949	19	0.313 051	9.953 896	4	064	
		16		20			3		
937	9.640 862		9.686 969		0.313 031	9.953 893		063	15
938	9.640 877	15	9.686 988	19	0.313 012	9.953 889	4	062	
939	9.640 893	16	9.687 007	19	0.312 993	9.953 885	4	061	1 1.5
		15		20			3		2 3.0
.940	9.640 908		9.687 027		0.312 973	9.953 882		.060	3 4.5
		16		19			4		4 6.0
941	9.640 924		9.687 046		0.312 954	9.953 878		059	5 7.5
942	9.640 939	15	9.687 065	19	0.312 935	9.953 874	4	058	6 9.0
943	9.640 955	16	9.687 084	19	0.312 916	9.953 871	3	057	7 10.5
		16		20			4		8 12.0
944	9.640 971		9.687 104		0.312 896	9.953 867		056	9 13.5
945	9.640 986	15	9.687 123	19	0.312 877	9.953 863	4	055	
946	9.641 002	16	9.687 142	19	0.312 858	9.953 860	3	054	
		15		19			4		
947	9.641 017		9.687 161		0.312 839	9.953 856		053	
948	9.641 033	16	9.687 181	20	0.312 819	9.953 852	4	052	
949	9.641 048	15	9.687 200	19	0.312 800	9.953 849	3	051	
		16		19			4		
.950	9.641 064		9.687 219		0.312 781	9.953 845		.050	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

64°.100 — 64°.050

25°.950 — 26°.000

25°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.641 064		9.687 219		0.312 781	9.953 845		**.050**	
		16		19			4		
951	9.641 080		9.687 238		0.312 762	9.953 841		049	
952	9.641 095	15	9.687 258	20	0.312 742	9.953 837	4	048	
953	9.641 111	16	9.687 277	19	0.312 723	9.953 834	4	047	
		15		19			3		
954	9.641 126		9.687 296		0.312 704	9.953 830	4	046	
955	9.641 142	16	9.687 316	20	0.312 684	9.953 826	4	045	
956	9.641 157	15	9.687 335	19	0.312 665	9.953 823	3	044	
		16		19			4		
957	9.641 173		9.687 354		0.312 646	9.953 819		043	
958	9.641 189	16	9.687 373	19	0.312 627	9.953 815	4	042	
959	9.641 204	15	9.687 393	20	0.312 607	9.953 812	3	041	
		16		19			4		
.960	9.641 220		9.687 412		0.312 588	9.953 808		**.040**	
		15		19			4		
961	9.641 235		9.687 431		0.312 569	9.953 804		039	
962	9.641 251	16	9.687 450	19	0.312 550	9.953 801	3	038	
963	9.641 266	15	9.687 470	20	0.312 530	9.953 797	4	037	
		16		19			4		
964	9.641 282		9.687 489		0.312 511	9.953 793		036	
965	9.641 298	16	9.687 508	19	0.312 492	9.953 789	4	035	
966	9.641 313	15	9.687 527	19	0.312 473	9.953 786	3	034	
		16		20			4		
967	9.641 329		9.687 547		0.312 453	9.953 782		033	
968	9.641 344	15	9.687 566	19	0.312 434	9.953 778	4	032	
969	9.641 360	16	9.687 585	19	0.312 415	9.953 775	3	031	
		15		19			4		
.970	9.641 375		9.687 604		0.312 396	9.953 771		**.030**	
		16		20			4		
971	9.641 391		9.687 624		0.312 376	9.953 767		029	
972	9.641 407	16	9.687 643	19	0.312 357	9.953 764	3	028	
973	9.641 422	15	9.687 662	19	0.312 338	9.953 760	4	027	
		16		19			4		
974	9.641 438		9.687 681		0.312 319	9.953 756		026	
975	9.641 453	15	9.687 701	20	0.312 299	9.953 753	3	025	
976	9.641 469	16	9.687 720	19	0.312 280	9.953 749	4	024	
		15		19			4		
977	9.641 484		9.687 739		0.312 261	9.953 745		023	
978	9.641 500	16	9.687 758	19	0.312 242	9.953 741	4	022	
979	9.641 515	15	9.687 778	20	0.312 222	9.953 738	3	021	
		16		19			4		
.980	9.641 531		9.687 797		0.312 203	9.953 734		**.020**	
		16		19			4		
981	9.641 547		9.687 816		0.312 184	9.953 730		019	
982	9.641 562	15	9.687 835	19	0.312 165	9.953 727	3	018	
983	9.641 578	16	9.687 855	20	0.312 145	9.953 723	4	017	
		15		19			4		
984	9.641 593		9.687 874		0.312 126	9.953 719		016	
985	9.641 609	16	9.687 893	19	0.312 107	9.953 716	3	015	
986	9.641 624	15	9.687 912	19	0.312 088	9.953 712	4	014	
		16		20			4		
987	9.641 640		9.687 932		0.312 068	9.953 708		013	
988	9.641 655	15	9.687 951	19	0.312 049	9.953 705	3	012	
989	9.641 671	16	9.687 970	19	0.312 030	9.953 701	4	011	
		16		19			4		
.990	9.641 687		9.687 989		0.312 011	9.953 697		**.010**	
		15		20			4		
991	9.641 702		9.688 009		0.311 991	9.953 693		009	
992	9.641 718	16	9.688 028	19	0.311 972	9.953 690	3	008	
993	9.641 733	15	9.688 047	19	0.311 953	9.953 686	4	007	
		16		19			4		
994	9.641 749		9.688 066		0.311 934	9.953 682		006	
995	9.641 764	15	9.688 086	20	0.311 914	9.953 679	3	005	
996	9.641 780	16	9.688 105	19	0.311 895	9.953 675	4	004	
		15		19			4		
997	9.641 795		9.688 124		0.311 876	9.953 671		003	
998	9.641 811	16	9.688 143	19	0.311 857	9.953 668	3	002	
999	9.641 826	15	9.688 163	20	0.311 837	9.953 664	4	001	
		16		19			4		
***000**	9.641 842		9.688 182		0.311 818	9.953 660		**.000**	
	cos	d	cotg	d	tang	sin	d	**64°**	P.P.

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64°.050 — 64°.000

26°.000 — 26°.050

26°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.641 842	16	9.688 182	19	0.311 818	9.953 660	4	*000	
001	9.641 858	15	9.688 201	19	0.311 799	9.953 656	3	999	
002	9.641 873	16	9.688 220	19	0.311 780	9.953 653	4	998	
003	9.641 889	15	9.688 239	20	0.311 761	9.953 649	4	997	
004	9.641 904	16	9.688 259	19	0.311 741	9.953 645	3	996	
005	9.641 920	15	9.688 278	19	0.311 722	9.953 642	4	995	
006	9.641 935	16	9.688 297	19	0.311 703	9.953 638	4	994	
007	9.641 951	15	9.688 316	20	0.311 684	9.953 634	3	993	
008	9.641 966	16	9.688 336	19	0.311 664	9.953 631	4	992	
009	9.641 982	15	9.688 355	19	0.311 645	9.953 627	4	991	
.010	9.641 997	16	9.688 374	19	0.311 626	9.953 623	4	.990	
011	9.642 013	15	9.688 393	20	0.311 607	9.953 620	3	989	
012	9.642 028	16	9.688 413	19	0.311 587	9.953 616	4	988	
013	9.642 044	15	9.688 432	19	0.311 568	9.953 612	4	987	
014	9.642 059	16	9.688 451	19	0.311 549	9.953 608	4	986	
015	9.642 075	16	9.688 470	20	0.311 530	9.953 605	3	985	
016	9.642 091	15	9.688 490	19	0.311 510	9.953 601	4	984	
017	9.642 106	16	9.688 509	19	0.311 491	9.953 597	4	983	
018	9.642 122	15	9.688 528	19	0.311 472	9.953 594	3	982	
019	9.642 137	16	9.688 547	19	0.311 453	9.953 590	4	981	
.020	9.642 153	15	9.688 566	20	0.311 434	9.953 586	4	.980	
021	9.642 168	16	9.688 586	19	0.311 414	9.953 583	3	979	
022	9.642 184	15	9.688 605	19	0.311 395	9.953 579	4	978	
023	9.642 199	16	9.688 624	19	0.311 376	9.953 575	4	977	
024	9.642 215	15	9.688 643	20	0.311 357	9.953 571	4	976	
025	9.642 230	16	9.688 663	19	0.311 337	9.953 568	3	975	
026	9.642 246	15	9.688 682	19	0.311 318	9.953 564	4	974	
027	9.642 261	16	9.688 701	19	0.311 299	9.953 560	4	973	
028	9.642 277	15	9.688 720	19	0.311 280	9.953 557	3	972	
029	9.642 292	16	9.688 739	20	0.311 261	9.953 553	4	971	
.030	9.642 308	15	9.688 759	19	0.311 241	9.953 549	4	.970	
031	9.642 323	16	9.688 778	19	0.311 222	9.953 546	3	969	
032	9.642 339	15	9.688 797	19	0.311 203	9.953 542	4	968	
033	9.642 354	16	9.688 816	20	0.311 184	9.953 538	4	967	
034	9.642 370	15	9.688 836	19	0.311 164	9.953 534	4	966	
035	9.642 385	16	9.688 855	19	0.311 145	9.953 531	3	965	
036	9.642 401	16	9.688 874	19	0.311 126	9.953 527	4	964	
037	9.642 417	15	9.688 893	19	0.311 107	9.953 523	4	963	
038	9.642 432	16	9.688 912	20	0.311 088	9.953 520	3	962	
039	9.642 448	15	9.688 932	19	0.311 068	9.953 516	4	961	
.040	9.642 463	16	9.688 951	19	0.311 049	9.953 512	4	.960	
041	9.642 479	15	9.688 970	19	0.311 030	9.953 508	4	959	
042	9.642 494	16	9.688 989	20	0.311 011	9.953 505	3	958	
043	9.642 510	15	9.689 009	19	0.310 991	9.953 501	4	957	
044	9.642 525	16	9.689 028	19	0.310 972	9.953 497	4	956	
045	9.642 541	15	9.689 047	19	0.310 953	9.953 494	3	955	
046	9.642 556	16	9.689 066	19	0.310 934	9.953 490	4	954	
047	9.642 572	15	9.689 085	20	0.310 915	9.953 486	4	953	
048	9.642 587	16	9.689 105	19	0.310 895	9.953 483	3	952	
049	9.642 603	15	9.689 124	19	0.310 876	9.953 479	4	951	
.050	9.642 618		9.689 143		0.310 857	9.953 475	4	.950	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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64°.000 — 63°.950

26°.050 — 26°.100

26°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.642 618		9.689 143		0.310 857	9.953 475		**.950**	
		16		19			4		
051	9.642 634		9.689 162		0.310 838	9.953 471		949	
052	9.642 649	15	9.689 181	19	0.310 819	9.953 468	3	948	
053	9.642 665	16	9.689 201	20	0.310 799	9.953 464	4	947	
		15		19			4		
054	9.642 680		9.689 220		0.310 780	9.953 460		946	
055	9.642 696	16	9.689 239	19	0.310 761	9.953 457	3	945	
056	9.642 711	15	9.689 258	19	0.310 742	9.953 453	4	944	
		16		19			4		
057	9.642 727		9.689 277		0.310 723	9.953 449		943	
058	9.642 742	15	9.689 297	20	0.310 703	9.953 445	4	942	
059	9.642 758	16	9.689 316	19	0.310 684	9.953 442	3	941	
		15		19			4		
.060	9.642 773		9.689 335		0.310 665	9.953 438		**.940**	
		16		19			4		
061	9.642 789		9.689 354		0.310 646	9.953 434		939	
062	9.642 804	15	9.689 374	20	0.310 626	9.953 431	3	938	
063	9.642 820	16	9.689 393	19	0.310 607	9.953 427	4	937	
		15		19			4		
064	9.642 835		9.689 412		0.310 588	9.953 423		936	
065	9.642 851	16	9.689 431	19	0.310 569	9.953 420	3	935	
066	9.642 866	15	9.689 450	19	0.310 550	9.953 416	4	934	
		16		20			4		
067	9.642 882		9.689 470		0.310 530	9.953 412		933	
068	9.642 897	15	9.689 489	19	0.310 511	9.953 408	4	932	
069	9.642 913	16	9.689 508	19	0.310 492	9.953 405	3	931	
		15		19			4		
.070	9.642 928		9.689 527		0.310 473	9.953 401		**.930**	
		16		19			4		
071	9.642 944		9.689 546		0.310 454	9.953 397		929	
072	9.642 959	15	9.689 566	20	0.310 434	9.953 394	3	928	
073	9.642 975	16	9.689 585	19	0.310 415	9.953 390	4	927	
		15		19			4		
074	9.642 990		9.689 604		0.310 396	9.953 386		926	
075	9.643 006	16	9.689 623	19	0.310 377	9.953 382	4	925	
076	9.643 021	15	9.689 642	19	0.310 358	9.953 379	3	924	
		16		20			4		
077	9.643 037		9.689 662		0.310 338	9.953 375		923	
078	9.643 052	15	9.689 681	19	0.310 319	9.953 371	4	922	
079	9.643 068	16	9.689 700	19	0.310 300	9.953 368	3	921	
		15		19			4		
.080	9.643 083		9.689 719		0.310 281	9.953 364		**.920**	
		16		19			4		
081	9.643 099		9.689 738		0.310 262	9.953 360		919	
082	9.643 114	15	9.689 758	20	0.310 242	9.953 356	4	918	
083	9.643 130	16	9.689 777	19	0.310 223	9.953 353	3	917	
		15		19			4		
084	9.643 145		9.689 796		0.310 204	9.953 349		916	
085	9.643 160	15	9.689 815	19	0.310 185	9.953 345	4	915	
086	9.643 176	16	9.689 834	19	0.310 166	9.953 342	3	914	
		15		19			4		
087	9.643 191		9.689 853		0.310 147	9.953 338		913	
088	9.643 207	16	9.689 873	20	0.310 127	9.953 334	4	912	
089	9.643 222	15	9.689 892	19	0.310 108	9.953 331	3	911	
		16		19			4		
.090	9.643 238		9.689 911		0.310 089	9.953 327		**.910**	
		15		19			4		
091	9.643 253		9.689 930		0.310 070	9.953 323		909	
092	9.643 269	16	9.689 949	19	0.310 051	9.953 319	4	908	
093	9.643 284	15	9.689 969	20	0.310 031	9.953 316	3	907	
		16		19			4		
094	9.643 300		9.689 988		0.310 012	9.953 312		906	
095	9.643 315	15	9.690 007	19	0.309 993	9.953 308	4	905	
096	9.643 331	16	9.690 026	19	0.309 974	9.953 305	3	904	
		15		19			4		
097	9.643 346		9.690 045		0.309 955	9.953 301		903	
098	9.643 362	16	9.690 065	20	0.309 935	9.953 297	4	902	
099	9.643 377	15	9.690 084	19	0.309 916	9.953 293	4	901	
		16		19			3		
.100	9.643 393		9.690 103		0.309 897	9.953 290		**.900**	
	cos	d	cotg	d	tang	sin	d	**63°**	P.P.

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26°.100 — 26°.150

26°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.643 393		9.690 103		0.309 897	9.953 290		**.900**	
		15		19			4		
101	9.643 408		9.690 122		0.309 878	9.953 286		899	
102	9.643 424	16	9.690 141	19	0.309 859	9.953 282	4	898	
103	9.643 439	15	9.690 161	20	0.309 839	9.953 279	3	897	
		16		19			4		20
104	9.643 455		9.690 180		0.309 820	9.953 275		896	1 2.0
105	9.643 470	15	9.690 199	19	0.309 801	9.953 271	4	895	2 4.0
106	9.643 485	15	9.690 218	19	0.309 782	9.953 267	4	894	3 6.0
		16		19			3		4 8.0
107	9.643 501		9.690 237		0.309 763	9.953 264		893	5 10.0
108	9.643 516	15	9.690 256	19	0.309 744	9.953 260	4	892	6 12.0
109	9.643 532	16	9.690 276	20	0.309 724	9.953 256	4	891	7 14.0
		15		19			3		8 16.0
.110	9.643 547		9.690 295		0.309 705	9.953 253		**.890**	9 18.0
		16		19			4		
111	9.643 563		9.690 314		0.309 686	9.953 249		889	
112	9.643 578	15	9.690 333	19	0.309 667	9.953 245	4	888	
113	9.643 594	16	9.690 352	19	0.309 648	9.953 241	4	887	
		15		20			3		
114	9.643 609		9.690 372		0.309 628	9.953 238		886	
115	9.643 625	16	9.690 391	19	0.309 609	9.953 234	4	885	
116	9.643 640	15	9.690 410	19	0.309 590	9.953 230	4	884	19
		16		19			3		
117	9.643 656		9.690 429		0.309 571	9.953 227		883	1 1.9
118	9.643 671	15	9.690 448	19	0.309 552	9.953 223	4	882	2 3.8
119	9.643 686	15	9.690 467	19	0.309 533	9.953 219	4	881	3 5.7
		16		20			4		4 7.6
.120	9.643 702		9.690 487		0.309 513	9.953 215		**.880**	5 9.5
		15		19			3		6 11.4
121	9.643 717		9.690 506		0.309 494	9.953 212		879	7 13.3
122	9.643 733	16	9.690 525	19	0.309 475	9.953 208	4	878	8 15.2
123	9.643 748	15	9.690 544	19	0.309 456	9.953 204	4	877	9 17.1
		16		19			3		
124	9.643 764		9.690 563		0.309 437	9.953 201		876	
125	9.643 779	15	9.690 582	19	0.309 418	9.953 197	4	875	
126	9.643 795	16	9.690 602	20	0.309 398	9.953 193	4	874	
		15		19			4		
127	9.643 810		9.690 621		0.309 379	9.953 189		873	16
128	9.643 826	16	9.690 640	19	0.309 360	9.953 186	3	872	
129	9.643 841	15	9.690 659	19	0.309 341	9.953 182	4	871	1 1.6
		15		19			4		2 3.2
.130	9.643 856		9.690 678		0.309 322	9.953 178		**.870**	3 4.8
		16		19			4		4 6.4
131	9.643 872		9.690 697		0.309 303	9.953 174		869	5 8.0
132	9.643 887	15	9.690 717	20	0.309 283	9.953 171	3	868	6 9.6
133	9.643 903	16	9.690 736	19	0.309 264	9.953 167	4	867	7 11.2
		15		19			4		8 12.8
134	9.643 918		9.690 755		0.309 245	9.953 163		866	9 14.4
135	9.643 934	16	9.690 774	19	0.309 226	9.953 160	3	865	
136	9.643 949	15	9.690 793	19	0.309 207	9.953 156	4	864	
		16		19			4		
137	9.643 965		9.690 812		0.309 188	9.953 152		863	
138	9.643 980	15	9.690 832	20	0.309 168	9.953 148	4	862	
139	9.643 996	16	9.690 851	19	0.309 149	9.953 145	3	861	15
		15		19			4		
.140	9.644 011		9.690 870		0.309 130	9.953 141		**.860**	1 1.5
		15		19			4		2 3.0
141	9.644 026		9.690 889		0.309 111	9.953 137		859	3 4.5
142	9.644 042	16	9.690 908	19	0.309 092	9.953 134	3	858	4 6.0
143	9.644 057	15	9.690 927	19	0.309 073	9.953 130	4	857	5 7.5
		16		20			4		6 9.0
144	9.644 073		9.690 947		0.309 053	9.953 126		856	7 10.5
145	9.644 088	15	9.690 966	19	0.309 034	9.953 122	4	855	8 12.0
146	9.644 104	16	9.690 985	19	0.309 015	9.953 119	3	854	9 13.5
		15		19			4		
147	9.644 119		9.691 004		0.308 996	9.953 115		853	
148	9.644 135	16	9.691 023	19	0.308 977	9.953 111	4	852	
149	9.644 150	15	9.691 042	19	0.308 958	9.953 108	3	851	
		15		20			4		
.150	9.644 165		9.691 062		0.308 938	9.953 104		**.850**	
	cos	d	cotg	d	tang	sin	d	**63°**	P.P.

63°.900 — 63°.850

26°.150 — 26°.200

26°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.644 165		9.691 062		0.308 938	9.953 104		**.850**	
		16		19			4		
151	9.644 181		9.691 081		0.308 919	9.953 100		849	
152	9.644 196	15	9.691 100	19	0.308 900	9.953 096	4	848	
153	9.644 212	16	9.691 119	19	0.308 881	9.953 093	3	847	
		15		19			4		20
154	9.644 227		9.691 138		0.308 862	9.953 089		846	1 2.0
155	9.644 243	16	9.691 157	19	0.308 843	9.953 085	4	845	2 4.0
156	9.644 258	15	9.691 177	20	0.308 823	9.953 081	4	844	3 6.0
		15		19			3		4 8.0
157	9.644 273		9.691 196		0.308 804	9.953 078		843	5 10.0
158	9.644 289	16	9.691 215	19	0.308 785	9.953 074	4	842	6 12.0
159	9.644 304	15	9.691 234	19	0.308 766	9.953 070	4	841	7 14.0
		16		19			3		8 16.0
.160	9.644 320		9.691 253		0.308 747	9.953 067		**.840**	9 18.0
		15		19			4		
161	9.644 335		9.691 272		0.308 728	9.953 063		839	
162	9.644 351	16	9.691 291	19	0.308 709	9.953 059	4	838	
163	9.644 366	15	9.691 311	20	0.308 689	9.953 055	4	837	
		15		19			3		
164	9.644 381		9.691 330		0.308 670	9.953 052		836	
165	9.644 397	16	9.691 349	19	0.308 651	9.953 048	4	835	
166	9.644 412	15	9.691 368	19	0.308 632	9.953 044	4	834	19
		16		19			3		
167	9.644 428		9.691 387		0.308 613	9.953 041		833	1 1.9
168	9.644 443	15	9.691 406	19	0.308 594	9.953 037	4	832	2 3.8
169	9.644 459	16	9.691 426	20	0.308 574	9.953 033	4	831	3 5.7
		15		19			4		4 7.6
.170	9.644 474		9.691 445		0.308 555	9.953 029		**.830**	5 9.5
		15		19			3		6 11.4
171	9.644 489		9.691 464		0.308 536	9.953 026		829	7 13.3
172	9.644 505	16	9.691 483	19	0.308 517	9.953 022	4	828	8 15.2
173	9.644 520	15	9.691 502	19	0.308 498	9.953 018	4	827	9 17.1
		16		19			4		
174	9.644 536		9.691 521		0.308 479	9.953 014		826	
175	9.644 551	15	9.691 540	19	0.308 460	9.953 011	3	825	
176	9.644 567	16	9.691 560	20	0.308 440	9.953 007	4	824	
		15		19			4		
177	9.644 582		9.691 579		0.308 421	9.953 003		823	16
178	9.644 597	15	9.691 598	19	0.308 402	9.953 000	3	822	
179	9.644 613	16	9.691 617	19	0.308 383	9.952 996	4	821	1 1.6
		15		19			4		2 3.2
.180	9.644 628		9.691 636		0.308 364	9.952 992		**.820**	3 4.8
		16		19			4		4 6.4
181	9.644 644		9.691 655		0.308 345	9.952 988		819	5 8.0
182	9.644 659	15	9.691 674	19	0.308 326	9.952 985	3	818	6 9.6
183	9.644 674	15	9.691 694	20	0.308 306	9.952 981	4	817	7 11.2
		16		19			4		8 12.8
184	9.644 690		9.691 713		0.308 287	9.952 977		816	9 14.4
185	9.644 705	15	9.691 732	19	0.308 268	9.952 973	4	815	
186	9.644 721	16	9.691 751	19	0.308 249	9.952 970	3	814	
		15		19			4		
187	9.644 736		9.691 770		0.308 230	9.952 966		813	
188	9.644 752	16	9.691 789	19	0.308 211	9.952 962	4	812	
189	9.644 767	15	9.691 808	19	0.308 192	9.952 959	3	811	15
		15		20			4		
.190	9.644 782		9.691 828		0.308 172	9.952 955		**.810**	1 1.5
		16		19			4		2 3.0
191	9.644 798		9.691 847		0.308 153	9.952 951		809	3 4.5
192	9.644 813	15	9.691 866	19	0.308 134	9.952 947	4	808	4 6.0
193	9.644 829	16	9.691 885	19	0.308 115	9.952 944	3	807	5 7.5
		15		19			4		6 9.0
194	9.644 844		9.691 904		0.308 096	9.952 940		806	7 10.5
195	9.644 859	15	9.691 923	19	0.308 077	9.952 936	4	805	8 12.0
196	9.644 875	16	9.691 942	19	0.308 058	9.952 932	4	804	9 13.5
		15		20			3		
197	9.644 890		9.691 962		0.308 038	9.952 929		803	
198	9.644 906	16	9.691 981	19	0.308 019	9.952 925	4	802	
199	9.644 921	15	9.692 000	19	0.308 000	9.952 921	4	801	
		15		19			3		
.200	9.644 936		9.692 019		0.307 981	9.952 918		**.800**	
	cos	d	cotg	d	tang	sin	d	**63°**	P.P.

63°.850 — 63°.800

26°.200 — 26°.250

26°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.644 936		9.692 019		0.307 981	9.952 918		.800	
		16		19			4		
201	9.644 952		9.692 038		0.307 962	9.952 914		799	
202	9.644 967	15	9.692 057	19	0.307 943	9.952 910	4	798	
203	9.644 983	16	9.692 076	19	0.307 924	9.952 906	4	797	
		15		19			3		20
204	9.644 998		9.692 095		0.307 905	9.952 903		796	1 2.0
205	9.645 013	15	9.692 115	20	0.307 885	9.952 899	4	795	2 4.0
206	9.645 029	16	9.692 134	19	0.307 866	9.952 895	4	794	3 6.0
		15		19			4		4 8.0
207	9.645 044		9.692 153		0.307 847	9.952 891		793	5 10.0
208	9.645 060	16	9.692 172	19	0.307 828	9.952 888	3	792	6 12.0
209	9.645 075	15	9.692 191	19	0.307 809	9.952 884	4	791	7 14.0
		15		19			4		8 16.0
.210	9.645 090		9.692 210		0.307 790	9.952 880		.790	9 18.0
		16		19			4		
211	9.645 106		9.692 229		0.307 771	9.952 876		789	
212	9.645 121	15	9.692 249	20	0.307 751	9.952 873	3	788	
213	9.645 137	16	9.692 268	19	0.307 732	9.952 869	4	787	
		15		19			4		
214	9.645 152		9.692 287		0.307 713	9.952 865		786	
215	9.645 167	15	9.692 306	19	0.307 694	9.952 862	3	785	
216	9.645 183	16	9.692 325	19	0.307 675	9.952 858	4	784	19
		15		19			4		1 1.9
217	9.645 198		9.692 344		0.307 656	9.952 854		783	2 3.8
218	9.645 214	16	9.692 363	19	0.307 637	9.952 850	4	782	3 5.7
219	9.645 229	15	9.692 382	19	0.307 618	9.952 847	3	781	4 7.6
		15		20			4		5 9.5
.220	9.645 244		9.692 402		0.307 598	9.952 843		.780	6 11.4
		16		19			4		7 13.3
221	9.645 260		9.692 421		0.307 579	9.952 839		779	8 15.2
222	9.645 275	15	9.692 440	19	0.307 560	9.952 835	4	778	9 17.1
223	9.645 291	16	9.692 459	19	0.307 541	9.952 832	3	777	
		15		19			4		
224	9.645 306		9.692 478		0.307 522	9.952 828		776	
225	9.645 321	15	9.692 497	19	0.307 503	9.952 824	4	775	
226	9.645 337	16	9.692 516	19	0.307 484	9.952 820	4	774	
		15		19			3		
227	9.645 352		9.692 535		0.307 465	9.952 817		773	16
228	9.645 368	16	9.692 554	19	0.307 446	9.952 813	4	772	
229	9.645 383	15	9.692 574	20	0.307 426	9.952 809	4	771	1 1.6
		15		19			3		2 3.2
.230	9.645 398		9.692 593		0.307 407	9.952 806		.770	3 4.8
		16		19			4		4 6.4
231	9.645 414		9.692 612		0.307 388	9.952 802		769	5 8.0
232	9.645 429	15	9.692 631	19	0.307 369	9.952 798	4	768	6 9.6
233	9.645 444	15	9.692 650	19	0.307 350	9.952 794	4	767	7 11.2
		16		19			3		8 12.8
234	9.645 460		9.692 669		0.307 331	9.952 791		766	9 14.4
235	9.645 475	15	9.692 688	19	0.307 312	9.952 787	4	765	
236	9.645 491	16	9.692 707	19	0.307 293	9.952 783	4	764	
		15		20			4		
237	9.645 506		9.692 727		0.307 273	9.952 779		763	
238	9.645 521	15	9.692 746	19	0.307 254	9.952 776	3	762	
239	9.645 537	16	9.692 765	19	0.307 235	9.952 772	4	761	15
		15		19			4		
.240	9.645 552		9.692 784		0.307 216	9.952 768		.760	1 1.5
		15		19			4		2 3.0
241	9.645 567		9.692 803		0.307 197	9.952 764		759	3 4.5
242	9.645 583	16	9.692 822	19	0.307 178	9.952 761	3	758	4 6.0
243	9.645 598	15	9.692 841	19	0.307 159	9.952 757	4	757	5 7.5
		16		19			4		6 9.0
244	9.645 614		9.692 860		0.307 140	9.952 753		756	7 10.5
245	9.645 629	15	9.692 879	19	0.307 121	9.952 750	3	755	8 12.0
246	9.645 644	15	9.692 899	20	0.307 101	9.952 746	4	754	9 13.5
		16		19			4		
247	9.645 660		9.692 918		0.307 082	9.952 742		753	
248	9.645 675	15	9.692 937	19	0.307 063	9.952 738	4	752	
249	9.645 690	15	9.692 956	19	0.307 044	9.952 735	3	751	
		16		19			4		
.250	9.645 706		9.692 975		0.307 025	9.952 731		.750	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.800 — 63°.750

26°.250 — 26°.300

26°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.645 706		9.692 975		0.307 025	9.952 731		**.750**	
		15		19			4		
251	9.645 721		9.692 994		0.307 006	9.952 727		749	
252	9.645 737	16	9.693 013	19	0.306 987	9.952 723	4	748	
253	9.645 752	15	9.693 032	19	0.306 968	9.952 720	3	747	
		15		19			4		
254	9.645 767		9.693 051		0.306 949	9.952 716		746	
255	9.645 783	16	9.693 071	20	0.306 929	9.952 712	4	745	
256	9.645 798	15	9.693 090	19	0.306 910	9.952 708	4	744	
		15		19			3		
257	9.645 813		9.693 109		0.306 891	9.952 705		743	
258	9.645 829	16	9.693 128	19	0.306 872	9.952 701	4	742	
259	9.645 844	15	9.693 147	19	0.306 853	9.952 697	4	741	
		16		19			4		
.260	9.645 860		9.693 166		0.306 834	9.952 693		**.740**	
		15		19			3		
261	9.645 875		9.693 185		0.306 815	9.952 690		739	
262	9.645 890	15	9.693 204	19	0.306 796	9.952 686	4	738	
263	9.645 906	16	9.693 223	19	0.306 777	9.952 682	4	737	
		15		19			4		
264	9.645 921		9.693 242		0.306 758	9.952 678		736	
265	9.645 936	15	9.693 262	20	0.306 738	9.952 675	3	735	
266	9.645 952	16	9.693 281	19	0.306 719	9.952 671	4	734	
		15		19			4		
267	9.645 967		9.693 300		0.306 700	9.952 667		733	
268	9.645 982	15	9.693 319	19	0.306 681	9.952 664	3	732	
269	9.645 998	16	9.693 338	19	0.306 662	9.952 660	4	731	
		15		19			4		
.270	9.646 013		9.693 357		0.306 643	9.952 656		**.730**	
		15		19			4		
271	9.646 028		9.693 376		0.306 624	9.952 652		729	
272	9.646 044	16	9.693 395	19	0.306 605	9.952 649	3	728	
273	9.646 059	15	9.693 414	19	0.306 586	9.952 645	4	727	
		16		19			4		
274	9.646 075		9.693 433		0.306 567	9.952 641		726	
275	9.646 090	15	9.693 453	20	0.306 547	9.952 637	4	725	
276	9.646 105	15	9.693 472	19	0.306 528	9.952 634	3	724	
		16		19			4		
277	9.646 121		9.693 491		0.306 509	9.952 630		723	
278	9.646 136	15	9.693 510	19	0.306 490	9.952 626	4	722	
279	9.646 151	15	9.693 529	19	0.306 471	9.952 622	4	721	
		16		19			3		
.280	9.646 167		9.693 548		0.306 452	9.952 619		**.720**	
		15		19			4		
281	9.646 182		9.693 567		0.306 433	9.952 615		719	
282	9.646 197	15	9.693 586	19	0.306 414	9.952 611	4	718	
283	9.646 213	16	9.693 605	19	0.306 395	9.952 607	4	717	
		15		19			3		
284	9.646 228		9.693 624		0.306 376	9.952 604		716	
285	9.646 243	15	9.693 643	19	0.306 357	9.952 600	4	715	
286	9.646 259	16	9.693 663	20	0.306 337	9.952 596	4	714	
		15		19			4		
287	9.646 274		9.693 682		0.306 318	9.952 592		713	
288	9.646 289	15	9.693 701	19	0.306 299	9.952 589	3	712	
289	9.646 305	16	9.693 720	19	0.306 280	9.952 585	4	711	
		15		19			4		
.290	9.646 320		9.693 739		0.306 261	9.952 581		**.710**	
		15		19			4		
291	9.646 335		9.693 758		0.306 242	9.952 577		709	
292	9.646 351	16	9.693 777	19	0.306 223	9.952 574	3	708	
293	9.646 366	15	9.693 796	19	0.306 204	9.952 570	4	707	
		15		19			4		
294	9.646 381		9.693 815		0.306 185	9.952 566		706	
295	9.646 397	16	9.693 834	19	0.306 166	9.952 562	4	705	
296	9.646 412	15	9.693 853	19	0.306 147	9.952 559	3	704	
		15		20			4		
297	9.646 427		9.693 873		0.306 127	9.952 555		703	
298	9.646 443	16	9.693 892	19	0.306 108	9.952 551	4	702	
299	9.646 458	15	9.693 911	19	0.306 089	9.952 547	4	701	
		16		19			3		
.300	9.646 474		9.693 930		0.306 070	9.952 544		**.700**	
	cos	d	cotg	d	tang	sin	d	**63°**	P.P.

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	16
1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

63°.750 — 63°.700

$26^\circ.300$ — $26^\circ.350$

26°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.646 474		9.693 930		0.306 070	9.952 544		**.700**	
		15		19			4		
301	9.646 489		9.693 949		0.306 051	9.952 540		699	
302	9.646 504	15	9.693 968	19	0.306 032	9.952 536	4	698	
303	9.646 520	16	9.693 987	19	0.306 013	9.952 532	4	697	
		15		19			4		
304	9.646 535		9.694 006		0.305 994	9.952 529	3	696	
305	9.646 550	15	9.694 025	19	0.305 975	9.952 525	4	695	
306	9.646 566	16	9.694 044	19	0.305 956	9.952 521	4	694	
		15		19			4		
307	9.646 581		9.694 063		0.305 937	9.952 517	4	693	
308	9.646 596	15	9.694 082	19	0.305 918	9.952 514	3	692	
309	9.646 612	16	9.694 102	20	0.305 898	9.952 510	4	691	
		15		19			4		
.310	9.646 627		9.694 121		0.305 879	9.952 506		**.690**	
		15		19			3		
311	9.646 642		9.694 140		0.305 860	9.952 503		689	
312	9.646 658	16	9.694 159	19	0.305 841	9.952 499	4	688	
313	9.646 673	15	9.694 178	19	0.305 822	9.952 495	4	687	
		15		19			4		
314	9.646 688		9.694 197		0.305 803	9.952 491	4	686	
315	9.646 703	15	9.694 216	19	0.305 784	9.952 488	3	685	
316	9.646 719	16	9.694 235	19	0.305 765	9.952 484	4	684	
		15		19			4		
317	9.646 734		9.694 254		0.305 746	9.952 480	4	683	
318	9.646 749	15	9.694 273	19	0.305 727	9.952 476	4	682	
319	9.646 765	16	9.694 292	19	0.305 708	9.952 473	3	681	
		15		19			4		
.320	9.646 780		9.694 311		0.305 689	9.952 469		**.680**	
		15		19			4		
321	9.646 795		9.694 330		0.305 670	9.952 465		679	
322	9.646 811	16	9.694 349	19	0.305 651	9.952 461	4	678	
323	9.646 826	15	9.694 369	20	0.305 631	9.952 458	3	677	
		15		19			4		
324	9.646 841		9.694 388		0.305 612	9.952 454		676	
325	9.646 857	16	9.694 407	19	0.305 593	9.952 450	4	675	
326	9.646 872	15	9.694 426	19	0.305 574	9.952 446	4	674	
		15		19			3		
327	9.646 887		9.694 445		0.305 555	9.952 443		673	
328	9.646 903	16	9.694 464	19	0.305 536	9.952 439	4	672	
329	9.646 918	15	9.694 483	19	0.305 517	9.952 435	4	671	
		15		19			4		
.330	9.646 933		9.694 502		0.305 498	9.952 431		**.670**	
		16		19			3		
331	9.646 949		9.694 521		0.305 479	9.952 428		669	
332	9.646 964	15	9.694 540	19	0.305 460	9.952 424	4	668	
333	9.646 979	15	9.694 559	19	0.305 441	9.952 420	4	667	
		16		19			4		
334	9.646 995		9.694 578		0.305 422	9.952 416		666	
335	9.647 010	15	9.694 597	19	0.305 403	9.952 413	3	665	
336	9.647 025	15	9.694 616	19	0.305 384	9.952 409	4	664	
		16		20			4		
337	9.647 041		9.694 636		0.305 364	9.952 405		663	
338	9.647 056	15	9.694 655	19	0.305 345	9.952 401	4	662	
339	9.647 071	15	9.694 674	19	0.305 326	9.952 397	4	661	
		15		19			3		
.340	9.647 086		9.694 693		0.305 307	9.952 394		**.660**	
		16		19			4		
341	9.647 102		9.694 712		0.305 288	9.952 390		659	
342	9.647 117	15	9.694 731	19	0.305 269	9.952 386	4	658	
343	9.647 132	15	9.694 750	19	0.305 250	9.952 382	4	657	
		16		19			3		
344	9.647 148		9.694 769		0.305 231	9.952 379		656	
345	9.647 163	15	9.694 788	19	0.305 212	9.952 375	4	655	
346	9.647 178	15	9.694 807	19	0.305 193	9.952 371	4	654	
		16		19			4		
347	9.647 194		9.694 826		0.305 174	9.952 367		653	
348	9.647 209	15	9.694 845	19	0.305 155	9.952 364	3	652	
349	9.647 224	15	9.694 864	19	0.305 136	9.952 360	4	651	
		16		19			4		
.350	9.647 240		9.694 883		0.305 117	9.952 356		**.650**	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	16
1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

$63^\circ.700$ — $63^\circ.650$

26°.350 — 26°.400

26°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.647 240		9.694 883		0.305 117	9.952 356		.650	
		15		19			4		
351	9.647 255		9.694 902		0.305 098	9.952 352		649	
		15		19			3		
352	9.647 270		9.694 921		0.305 079	9.952 349		648	
		15		19			4		
353	9.647 285		9.694 940		0.305 060	9.952 345		647	
		16		20			4		
354	9.647 301		9.694 960		0.305 040	9.952 341		646	
		15		19			4		
355	9.647 316		9.694 979		0.305 021	9.952 337		645	
		15		19			3		
356	9.647 331		9.694 998		0.305 002	9.952 334		644	
		16		19			4		
357	9.647 347		9.695 017		0.304 983	9.952 330		643	
		15		19			4		
358	9.647 362		9.695 036		0.304 964	9.952 326		642	
		15		19			4		
359	9.647 377		9.695 055		0.304 945	9.952 322		641	
		16		19			3		
.360	9.647 393		9.695 074		0.304 926	9.952 319		.640	
		15		19			4		
361	9.647 408		9.695 093		0.304 907	9.952 315		639	
		15		19			4		
362	9.647 423		9.695 112		0.304 888	9.952 311		638	
		15		19			4		
363	9.647 438		9.695 131		0.304 869	9.952 307		637	
		16		19			3		
364	9.647 454		9.695 150		0.304 850	9.952 304		636	
		15		19			4		
365	9.647 469		9.695 169		0.304 831	9.952 300		635	
		15		19			4		
366	9.647 484		9.695 188		0.304 812	9.952 296		634	
		16		19			4		
367	9.647 500		9.695 207		0.304 793	9.952 292		633	
		15		19			3		
368	9.647 515		9.695 226		0.304 774	9.952 289		632	
		15		19			4		
369	9.647 530		9.695 245		0.304 755	9.952 285		631	
		15		19			4		
.370	9.647 545		9.695 264		0.304 736	9.952 281		.630	
		16		19			4		
371	9.647 561		9.695 283		0.304 717	9.952 277		629	
		15		19			3		
372	9.647 576		9.695 302		0.304 698	9.952 274		628	
		15		19			4		
373	9.647 591		9.695 321		0.304 679	9.952 270		627	
		16		20			4		
374	9.647 607		9.695 341		0.304 659	9.952 266		626	
		15		19			4		
375	9.647 622		9.695 360		0.304 640	9.952 262		625	
		15		19			3		
376	9.647 637		9.695 379		0.304 621	9.952 259		624	
		15		19			4		
377	9.647 652		9.695 398		0.304 602	9.952 255		623	
		16		19			4		
378	9.647 668		9.695 417		0.304 583	9.952 251		622	
		15		19			4		
379	9.647 683		9.695 436		0.304 564	9.952 247		621	
		15		19			4		
.380	9.647 698		9.695 455		0.304 545	9.952 243		.620	
		16		19			3		
381	9.647 714		9.695 474		0.304 526	9.952 240		619	
		15		19			4		
382	9.647 729		9.695 493		0.304 507	9.952 236		618	
		15		19			4		
383	9.647 744		9.695 512		0.304 488	9.952 232		617	
		15		19			4		
384	9.647 759		9.695 531		0.304 469	9.952 228		616	
		16		19			3		
385	9.647 775		9.695 550		0.304 450	9.952 225		615	
		15		19			4		
386	9.647 790		9.695 569		0.304 431	9.952 221		614	
		15		19			4		
387	9.647 805		9.695 588		0.304 412	9.952 217		613	
		16		19			4		
388	9.647 821		9.695 607		0.304 393	9.952 213		612	
		15		19			3		
389	9.647 836		9.695 626		0.304 374	9.952 210		611	
		15		19			4		
.390	9.647 851		9.695 645		0.304 355	9.952 206		.610	
		15		19			4		
391	9.647 866		9.695 664		0.304 336	9.952 202		609	
		16		19			4		
392	9.647 882		9.695 683		0.304 317	9.952 198		608	
		15		19			3		
393	9.647 897		9.695 702		0.304 298	9.952 195		607	
		15		19			4		
394	9.647 912		9.695 721		0.304 279	9.952 191		606	
		15		19			4		
395	9.647 927		9.695 740		0.304 260	9.952 187		605	
		16		19			4		
396	9.647 943		9.695 759		0.304 241	9.952 183		604	
		15		19			3		
397	9.647 958		9.695 778		0.304 222	9.952 180		603	
		15		19			4		
398	9.647 973		9.695 797		0.304 203	9.952 176		602	
		16		20			4		
399	9.647 989		9.695 817		0.304 183	9.952 172		601	
		15		19			4		
.400	9.648 004		9.695 836		0.304 164	9.952 168		.600	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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1	2.0
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8	15.2
9	17.1

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6	9.6
7	11.2
8	12.8
9	14.4

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3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

63°.650 — 63°.600

26°.400 — 26°.450

26°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.648 004		9.695 836		0.304 164	9.952 168		**.600**	
		15		19			3		
401	9.648 019		9.695 855		0.304 145	9.952 165		599	
402	9.648 034	15	9.695 874	19	0.304 126	9.952 161	4	598	
403	9.648 050	16	9.695 893	19	0.304 107	9.952 157	4	597	
		15		19			4		20
404	9.648 065		9.695 912		0.304 088	9.952 153		596	
405	9.648 080	15	9.695 931	19	0.304 069	9.952 149	4	595	1 2.0
406	9.648 095	15	9.695 950	19	0.304 050	9.952 146	3	594	2 4.0
		16		19			4		3 6.0
407	9.648 111		9.695 969		0.304 031	9.952 142		593	4 8.0
408	9.648 126	15	9.695 988	19	0.304 012	9.952 138	4	592	5 10.0
409	9.648 141	15	9.696 007	19	0.303 993	9.952 134	4	591	6 12.0
		15		19			3		7 14.0
.410	9.648 156		9.696 026		0.303 974	9.952 131		**.590**	8 16.0
		16		19			4		9 18.0
411	9.648 172		9.696 045		0.303 955	9.952 127		589	
412	9.648 187	15	9.696 064	19	0.303 936	9.952 123	4	588	
413	9.648 202	15	9.696 083	19	0.303 917	9.952 119	4	587	
		16		19			3		
414	9.648 218		9.696 102		0.303 898	9.952 116		586	
415	9.648 233	15	9.696 121	19	0.303 879	9.952 112	4	585	
416	9.648 248	15	9.696 140	19	0.303 860	9.952 108	4	584	19
		15		19			4		
417	9.648 263		9.696 159		0.303 841	9.952 104		583	1 1.9
418	9.648 279	16	9.696 178	19	0.303 822	9.952 101	3	582	2 3.8
419	9.648 294	15	9.696 197	19	0.303 803	9.952 097	4	581	3 5.7
		15		19			4		4 7.6
.420	9.648 309		9.696 216		0.303 784	9.952 093		**.580**	5 9.5
		15		19			4		6 11.4
421	9.648 324		9.696 235		0.303 765	9.952 089		579	7 13.3
422	9.648 340	16	9.696 254	19	0.303 746	9.952 085	4	578	8 15.2
423	9.648 355	15	9.696 273	19	0.303 727	9.952 082	3	577	9 17.1
		15		19			4		
424	9.648 370		9.696 292		0.303 708	9.952 078		576	
425	9.648 385	15	9.696 311	19	0.303 689	9.952 074	4	575	
426	9.648 401	16	9.696 330	19	0.303 670	9.952 070	4	574	
		15		19			3		
427	9.648 416		9.696 349		0.303 651	9.952 067		573	16
428	9.648 431	15	9.696 368	19	0.303 632	9.952 063	4	572	
429	9.648 446	15	9.696 387	19	0.303 613	9.952 059	4	571	1 1.6
		16		19			4		2 3.2
.430	9.648 462		9.696 406		0.303 594	9.952 055		**.570**	3 4.8
		15		19			3		4 6.4
431	9.648 477		9.696 425		0.303 575	9.952 052		569	5 8.0
432	9.648 492	15	9.696 444	19	0.303 556	9.952 048	4	568	6 9.6
433	9.648 507	15	9.696 463	19	0.303 537	9.952 044	4	567	7 11.2
		16		19			4		8 12.8
434	9.648 523		9.696 482		0.303 518	9.952 040		566	9 14.4
435	9.648 538	15	9.696 501	19	0.303 499	9.952 036	4	565	
436	9.648 553	15	9.696 520	19	0.303 480	9.952 033	3	564	
		15		19			4		
437	9.648 568		9.696 539		0.303 461	9.952 029		563	
438	9.648 584	16	9.696 558	19	0.303 442	9.952 025	4	562	
439	9.648 599	15	9.696 577	19	0.303 423	9.952 021	4	561	15
		15		19			3		
.440	9.648 614		9.696 596		0.303 404	9.952 018		**.560**	1 1.5
		15		19			4		2 3.0
441	9.648 629		9.696 615		0.303 385	9.952 014		559	3 4.5
442	9.648 645	16	9.696 634	19	0.303 366	9.952 010	4	558	4 6.0
443	9.648 660	15	9.696 653	19	0.303 347	9.952 006	4	557	5 7.5
		15		19			3		6 9.0
444	9.648 675		9.696 672		0.303 328	9.952 003		556	7 10.5
445	9.648 690	15	9.696 691	19	0.303 309	9.951 999	4	555	8 12.0
446	9.648 706	16	9.696 710	19	0.303 290	9.951 995	4	554	9 13.5
		15		20			4		
447	9.648 721		9.696 730		0.303 270	9.951 991		553	
448	9.648 736	15	9.696 749	19	0.303 251	9.951 987	4	552	
449	9.648 751	15	9.696 768	19	0.303 232	9.951 984	3	551	
		15		19			4		
.450	9.648 766		9.696 787		0.303 213	9.951 980		**.550**	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.600 — 63°.550

26°.450 — 26°.500

26°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.648 766		9.696 787		0.303 213	9.951 980		.550	
		16		19			4		
451	9.648 782		9.696 806		0.303 194	9.951 976		549	
452	9.648 797	15	9.696 825	19	0.303 175	9.951 972	4	548	
453	9.648 812	15	9.696 844	19	0.303 156	9.951 969	3	547	
		15		19			4		19
454	9.648 827		9.696 863		0.303 137	9.951 965		546	1 1.9
455	9.648 843	16	9.696 882	19	0.303 118	9.951 961	4	545	2 3.8
456	9.648 858	15	9.696 901	19	0.303 099	9.951 957	4	544	3 5.7
		15		19			3		4 7.6
457	9.648 873		9.696 920		0.303 080	9.951 954		543	5 9.5
458	9.648 888	15	9.696 939	19	0.303 061	9.951 950	4	542	6 11.4
459	9.648 904	16	9.696 958	19	0.303 042	9.951 946	4	541	7 13.3
		15		19			4		8 15.2
.460	9.648 919		9.696 977		0.303 023	9.951 942		.540	9 17.1
		15		19			4		
461	9.648 934		9.696 996		0.303 004	9.951 938		539	
462	9.648 949	15	9.697 015	19	0.302 985	9.951 935	3	538	
463	9.648 964	15	9.697 034	19	0.302 966	9.951 931	4	537	
		16		19			4		
464	9.648 980		9.697 053		0.302 947	9.951 927		536	
465	9.648 995	15	9.697 072	19	0.302 928	9.951 923	4	535	18
466	9.649 010	15	9.697 091	19	0.302 909	9.951 920	3	534	
		15		19			4		1 1.8
467	9.649 025		9.697 110		0.302 890	9.951 916		533	2 3.6
468	9.649 041	16	9.697 129	19	0.302 871	9.951 912	4	532	3 5.4
469	9.649 056	15	9.697 148	19	0.302 852	9.951 908	4	531	4 7.2
		15		19			4		5 9.0
.470	9.649 071		9.697 167		0.302 833	9.951 904		.530	6 10.8
		15		19			3		7 12.6
471	9.649 086		9.697 186		0.302 814	9.951 901		529	8 14.4
472	9.649 101	15	9.697 205	19	0.302 795	9.951 897	4	528	9 16.2
473	9.649 117	16	9.697 224	19	0.302 776	9.951 893	4	527	
		15		19			4		
474	9.649 132		9.697 243		0.302 757	9.951 889		526	
475	9.649 147	15	9.697 262	19	0.302 738	9.951 886	3	525	
476	9.649 162	15	9.697 281	19	0.302 719	9.951 882	4	524	
		16		19			4		
477	9.649 178		9.697 300		0.302 700	9.951 878		523	16
478	9.649 193	15	9.697 319	19	0.302 681	9.951 874	4	522	
479	9.649 208	15	9.697 338	19	0.302 662	9.951 871	3	521	1 1.6
		15		19			4		2 3.2
.480	9.649 223		9.697 357		0.302 643	9.951 867		.520	3 4.8
		15		19			4		4 6.4
481	9.649 238		9.697 376		0.302 624	9.951 863		519	5 8.0
482	9.649 254	16	9.697 394	18	0.302 606	9.951 859	4	518	6 9.6
483	9.649 269	15	9.697 413	19	0.302 587	9.951 855	4	517	7 11.2
		15		19			3		8 12.8
484	9.649 284		9.697 432		0.302 568	9.951 852		516	9 14.4
485	9.649 299	15	9.697 451	19	0.302 549	9.951 848	4	515	
486	9.649 315	16	9.697 470	19	0.302 530	9.951 844	4	514	
		15		19			4		
487	9.649 330		9.697 489		0.302 511	9.951 840		513	
488	9.649 345	15	9.697 508	19	0.302 492	9.951 837	3	512	
489	9.649 360	15	9.697 527	19	0.302 473	9.951 833	4	511	15
		15		19			4		
.490	9.649 375		9.697 546		0.302 454	9.951 829		.510	1 1.5
		16		19			4		2 3.0
491	9.649 391		9.697 565		0.302 435	9.951 825		509	3 4.5
492	9.649 406	15	9.697 584	19	0.302 416	9.951 821	4	508	4 6.0
493	9.649 421	15	9.697 603	19	0.302 397	9.951 818	3	507	5 7.5
		15		19			4		6 9.0
494	9.649 436		9.697 622		0.302 378	9.951 814		506	7 10.5
495	9.649 451	15	9.697 641	19	0.302 359	9.951 810	4	505	8 12.0
496	9.649 467	16	9.697 660	19	0.302 340	9.951 806	4	504	9 13.5
		15		19			3		
497	9.649 482		9.697 679		0.302 321	9.951 803		503	
498	9.649 497	15	9.697 698	19	0.302 302	9.951 799	4	502	
499	9.649 512	15	9.697 717	19	0.302 283	9.951 795	4	501	
		15		19			4		
.500	9.649 527		9.697 736		0.302 264	9.951 791		.500	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.550 — 63°.500

$26^\circ.500 - 26^\circ.550$

26°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.649 527		9.697 736		0.302 264	9.951 791		**.500**	
		16		19			4		
501	9.649 543		9.697 755		0.302 245	9.951 787		499	
502	9.649 558	15	9.697 774	19	0.302 226	9.951 784	3	498	
503	9.649 573	15	9.697 793	19	0.302 207	9.951 780	4	497	
		15		19			4		19
504	9.649 588		9.697 812		0.302 188	9.951 776		496	1 1.9
505	9.649 603	15	9.697 831	19	0.302 169	9.951 772	4	495	2 3.8
506	9.649 619	16	9.697 850	19	0.302 150	9.951 769	3	494	3 5.7
		15		19			4		4 7.6
507	9.649 634		9.697 869		0.302 131	9.951 765		493	5 9.5
508	9.649 649	15	9.697 888	19	0.302 112	9.951 761	4	492	6 11.4
509	9.649 664	15	9.697 907	19	0.302 093	9.951 757	4	491	7 13.3
		15		19			4		8 15.2
.510	9.649 679		9.697 926		0.302 074	9.951 753		**.490**	9 17.1
		16		19			3		
511	9.649 695		9.697 945		0.302 055	9.951 750		489	
512	9.649 710	15	9.697 964	19	0.302 036	9.951 746	4	488	
513	9.649 725	15	9.697 983	19	0.302 017	9.951 742	4	487	
		15		19			4		
514	9.649 740		9.698 002		0.301 998	9.951 738		486	
515	9.649 755	15	9.698 021	19	0.301 979	9.951 734	4	485	18
516	9.649 771	16	9.698 040	19	0.301 960	9.951 731	3	484	
		15		19			4		1 1.8
517	9.649 786		9.698 059		0.301 941	9.951 727		483	2 3.6
518	9.649 801	15	9.698 078	19	0.301 922	9.951 723	4	482	3 5.4
519	9.649 816	15	9.698 097	19	0.301 903	9.951 719	4	481	4 7.2
		15		19			3		5 9.0
.520	9.649 831		9.698 116		0.301 884	9.951 716		**.480**	6 10.8
		16		19			4		7 12.6
521	9.649 847		9.698 135		0.301 865	9.951 712		479	8 14.4
522	9.649 862	15	9.698 154	19	0.301 846	9.951 708	4	478	9 16.2
523	9.649 877	15	9.698 173	19	0.301 827	9.951 704	4	477	
		15		19			4		
524	9.649 892		9.698 192		0.301 808	9.951 700		476	
525	9.649 907	15	9.698 211	19	0.301 789	9.951 697	3	475	
526	9.649 922	15	9.698 230	19	0.301 770	9.951 693	4	474	
		16		19			4		
527	9.649 938		9.698 249		0.301 751	9.951 689		473	16
528	9.649 953	15	9.698 268	19	0.301 732	9.951 685	4	472	
529	9.649 968	15	9.698 287	19	0.301 713	9.951 682	3	471	1 1.6
		15		18			4		2 3.2
.530	9.649 983		9.698 305		0.301 695	9.951 678		**.470**	3 4.8
		15		19			4		4 6.4
531	9.649 998		9.698 324		0.301 676	9.951 674		469	5 8.0
532	9.650 014	16	9.698 343	19	0.301 657	9.951 670	4	468	6 9.6
533	9.650 029	15	9.698 362	19	0.301 638	9.951 666	4	467	7 11.2
		15		19			3		8 12.8
534	9.650 044		9.698 381		0.301 619	9.951 663		466	9 14.4
535	9.650 059	15	9.698 400	19	0.301 600	9.951 659	4	465	
536	9.650 074	15	9.698 419	19	0.301 581	9.951 655	4	464	
		15		19			4		
537	9.650 089		9.698 438		0.301 562	9.951 651		463	
538	9.650 105	16	9.698 457	19	0.301 543	9.951 647	4	462	
539	9.650 120	15	9.698 476	19	0.301 524	9.951 644	3	461	15
		15		19			4		
.540	9.650 135		9.698 495		0.301 505	9.951 640		**.460**	1 1.5
		15		19			4		2 3.0
541	9.650 150		9.698 514		0.301 486	9.951 636		459	3 4.5
542	9.650 165	15	9.698 533	19	0.301 467	9.951 632	4	458	4 6.0
543	9.650 181	16	9.698 552	19	0.301 448	9.951 629	3	457	5 7.5
		15		19			4		6 9.0
544	9.650 196		9.698 571		0.301 429	9.951 625		456	7 10.5
545	9.650 211	15	9.698 590	19	0.301 410	9.951 621	4	455	8 12.0
546	9.650 226	15	9.698 609	19	0.301 391	9.951 617	4	454	9 13.5
		15		19			4		
547	9.650 241		9.698 628		0.301 372	9.951 613		453	
548	9.650 256	15	9.698 647	19	0.301 353	9.951 610	3	452	
549	9.650 272	16	9.698 666	19	0.301 334	9.951 606	4	451	
		15		19			4		
.550	9.650 287		9.698 685		0.301 315	9.951 602		**.450**	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

$63^\circ.500 - 63^\circ.450$

26°.550 — 26°.600

26°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.650 287		9.698 685		0.301 315	9.951 602		**.450**	
		15		19			4		
551	9.650 302		9.698 704		0.301 296	9.951 598		449	
552	9.650 317	15	9.698 723	19	0.301 277	9.951 594	4	448	
553	9.650 332	15	9.698 742	19	0.301 258	9.951 591	3	447	
		15		19			4		19
554	9.650 347		9.698 761		0.301 239	9.951 587		446	1 1.9
555	9.650 363	16	9.698 780	19	0.301 220	9.951 583	4	445	2 3.8
556	9.650 378	15	9.698 798	18	0.301 202	9.951 579	4	444	3 5.7
		15		19			3		4 7.6
557	9.650 393		9.698 817		0.301 183	9.951 576		443	5 9.5
558	9.650 408	15	9.698 836	19	0.301 164	9.951 572	4	442	6 11.4
559	9.650 423	15	9.698 855	19	0.301 145	9.951 568	4	441	7 13.3
		15		19			4		8 15.2
.560	9.650 438		9.698 874		0.301 126	9.951 564		**.440**	9 17.1
		16		19			4		
561	9.650 454		9.698 893		0.301 107	9.951 560		439	
562	9.650 469	15	9.698 912	19	0.301 088	9.951 557	3	438	
563	9.650 484	15	9.698 931	19	0.301 069	9.951 553	4	437	
		15		19			4		
564	9.650 499		9.698 950		0.301 050	9.951 549		436	
565	9.650 514	15	9.698 969	19	0.301 031	9.951 545	4	435	18
566	9.650 529	15	9.698 988	19	0.301 012	9.951 541	4	434	
		16		19			3		1 1.8
567	9.650 545		9.699 007		0.300 993	9.951 538		433	2 3.6
568	9.650 560	15	9.699 026	19	0.300 974	9.951 534	4	432	3 5.4
569	9.650 575	15	9.699 045	19	0.300 955	9.951 530	4	431	4 7.2
		15		19			4		5 9.0
.570	9.650 590		9.699 064		0.300 936	9.951 526		**.430**	6 10.8
		15		19			4		7 12.6
571	9.650 605		9.699 083		0.300 917	9.951 522		429	8 14.4
572	9.650 620	15	9.699 102	19	0.300 898	9.951 519	3	428	9 16.2
573	9.650 635	15	9.699 121	19	0.300 879	9.951 515	4	427	
		16		19			4		
574	9.650 651		9.699 140		0.300 860	9.951 511		426	
575	9.650 666	15	9.699 159	19	0.300 841	9.951 507	4	425	
576	9.650 681	15	9.699 177	18	0.300 823	9.951 503	4	424	
		15		19			3		
577	9.650 696		9.699 196		0.300 804	9.951 500		423	16
578	9.650 711	15	9.699 215	19	0.300 785	9.951 496	4	422	1 1.6
579	9.650 726	15	9.699 234	19	0.300 766	9.951 492	4	421	2 3.2
		16		19			4		3 4.8
.580	9.650 742		9.699 253		0.300 747	9.951 488		**.420**	4 6.4
		15		19			3		5 8.0
581	9.650 757		9.699 272		0.300 728	9.951 485		419	6 9.6
582	9.650 772	15	9.699 291	19	0.300 709	9.951 481	4	418	7 11.2
583	9.650 787	15	9.699 310	19	0.300 690	9.951 477	4	417	8 12.8
		15		19			4		9 14.4
584	9.650 802		9.699 329		0.300 671	9.951 473		416	
585	9.650 817	15	9.699 348	19	0.300 652	9.951 469	4	415	
586	9.650 832	15	9.699 367	19	0.300 633	9.951 466	3	414	
		16		19			4		
587	9.650 848		9.699 386		0.300 614	9.951 462		413	
588	9.650 863	15	9.699 405	19	0.300 595	9.951 458	4	412	15
589	9.650 878	15	9.699 424	19	0.300 576	9.951 454	4	411	
		15		19			4		1 1.5
.590	9.650 893		9.699 443		0.300 557	9.951 450		**.410**	2 3.0
		15		19			3		3 4.5
591	9.650 908		9.699 462		0.300 538	9.951 447		409	4 6.0
592	9.650 923	15	9.699 480	18	0.300 520	9.951 443	4	408	5 7.5
593	9.650 938	15	9.699 499	19	0.300 501	9.951 439	4	407	6 9.0
		16		19			4		7 10.5
594	9.650 954		9.699 518		0.300 482	9.951 435		406	8 12.0
595	9.650 969	15	9.699 537	19	0.300 463	9.951 431	4	405	9 13.5
596	9.650 984	15	9.699 556	19	0.300 444	9.951 428	3	404	
		15		19			4		
597	9.650 999		9.699 575		0.300 425	9.951 424		403	
598	9.651 014	15	9.699 594	19	0.300 406	9.951 420	4	402	
599	9.651 029	15	9.699 613	19	0.300 387	9.951 416	4	401	
		15		19			4		
.600	9.651 044		9.699 632		0.300 368	9.951 412		**.400**	
	cos	d	cotg	d	tang	sin	d	**63°**	P.P.

63°.450 — 63°.400

26°.600 — 26°.650

26°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.651 044		9.699 632		0.300 368	9.951 412		**.400**	
		16		19			3		
601	9.651 060		9.699 651		0.300 349	9.951 409		399	
602	9.651 075	15	9.699 670	19	0.300 330	9.951 405	4	398	
603	9.651 090	15	9.699 689	19	0.300 311	9.951 401	4	397	
		15		19			4		19
604	9.651 105		9.699 708		0.300 292	9.951 397		396	1 1.9
605	9.651 120	15	9.699 727	19	0.300 273	9.951 393	4	395	2 3.8
606	9.651 135	15	9.699 746	19	0.300 254	9.951 390	3	394	3 5.7
		15		18			4		4 7.6
607	9.651 150		9.699 764		0.300 236	9.951 386		393	5 9.5
608	9.651 165	15	9.699 783	19	0.300 217	9.951 382	4	392	6 11.4
609	9.651 181	16	9.699 802	19	0.300 198	9.951 378	4	391	7 13.3
		15		19			4		8 15.2
.610	9.651 196		9.699 821		0.300 179	9.951 374		**.390**	9 17.1
		15		19			3		
611	9.651 211		9.699 840		0.300 160	9.951 371		389	
612	9.651 226	15	9.699 859	19	0.300 141	9.951 367	4	388	
613	9.651 241	15	9.699 878	19	0.300 122	9.951 363	4	387	
		15		19			4		
614	9.651 256		9.699 897		0.300 103	9.951 359		386	
615	9.651 271	15	9.699 916	19	0.300 084	9.951 355	4	385	18
616	9.651 287	16	9.699 935	19	0.300 065	9.951 352	3	384	
		15		19			4		1 1.8
617	9.651 302		9.699 954		0.300 046	9.951 348		383	2 3.6
618	9.651 317	15	9.699 973	19	0.300 027	9.951 344	4	382	3 5.4
619	9.651 332	15	9.699 992	19	0.300 008	9.951 340	4	381	4 7.2
		15		19			4		5 9.0
.620	9.651 347		9.700 011		0.299 989	9.951 336		**.380**	6 10.8
		15		18			3		7 12.6
621	9.651 362		9.700 029		0.299 971	9.951 333		379	8 14.4
622	9.651 377	15	9.700 048	19	0.299 952	9.951 329	4	378	9 16.2
623	9.651 392	15	9.700 067	19	0.299 933	9.951 325	4	377	
		15		19			4		
624	9.651 407		9.700 086		0.299 914	9.951 321		376	
625	9.651 423	16	9.700 105	19	0.299 895	9.951 317	4	375	
626	9.651 438	15	9.700 124	19	0.299 876	9.951 314	3	374	
		15		19			4		16
627	9.651 453		9.700 143		0.299 857	9.951 310		373	
628	9.651 468	15	9.700 162	19	0.299 838	9.951 306	4	372	1 1.6
629	9.651 483	15	9.700 181	19	0.299 819	9.951 302	4	371	2 3.2
		15		19			4		3 4.8
.630	9.651 498		9.700 200		0.299 800	9.951 298		**.370**	4 6.4
		15		19			3		5 8.0
631	9.651 513		9.700 219		0.299 781	9.951 295		369	6 9.6
632	9.651 528	15	9.700 238	19	0.299 762	9.951 291	4	368	7 11.2
633	9.651 544	16	9.700 256	18	0.299 744	9.951 287	4	367	8 12.8
		15		19			4		9 14.4
634	9.651 559		9.700 275		0.299 725	9.951 283		366	
635	9.651 574	15	9.700 294	19	0.299 706	9.951 279	4	365	
636	9.651 589	15	9.700 313	19	0.299 687	9.951 276	3	364	
		15		19			4		
637	9.651 604		9.700 332		0.299 668	9.951 272		363	
638	9.651 619	15	9.700 351	19	0.299 649	9.951 268	4	362	
639	9.651 634	15	9.700 370	19	0.299 630	9.951 264	4	361	15
		15		19			4		
.640	9.651 649		9.700 389		0.299 611	9.951 260		**.360**	1 1.5
		15		19			3		2 3.0
641	9.651 664		9.700 408		0.299 592	9.951 257		359	3 4.5
642	9.651 680	16	9.700 427	19	0.299 573	9.951 253	4	358	4 6.0
643	9.651 695	15	9.700 446	19	0.299 554	9.951 249	4	357	5 7.5
		15		19			4		6 9.0
644	9.651 710		9.700 465		0.299 535	9.951 245		356	7 10.5
645	9.651 725	15	9.700 483	18	0.299 517	9.951 241	4	355	8 12.0
646	9.651 740	15	9.700 502	19	0.299 498	9.951 238	3	354	9 13.5
		15		19			4		
647	9.651 755		9.700 521		0.299 479	9.951 234		353	
648	9.651 770	15	9.700 540	19	0.299 460	9.951 230	4	352	
649	9.651 785	15	9.700 559	19	0.299 441	9.951 226	4	351	
		15		19			4		
.650	9.651 800		9.700 578		0.299 422	9.951 222		**.350**	
	cos	d	cotg	d	tang	sin	d	**63°**	P.P.

63°.400 — 63°.350

26°.650 — 26°.700

26°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.651 800		9.700 578		0.299 422	9.951 222		**.350**	
		16		19			3		
651	9.651 816		9.700 597		0.299 403	9.951 219		349	
652	9.651 831	15	9.700 616	19	0.299 384	9.951 215	4	348	
653	9.651 846	15	9.700 635	19	0.299 365	9.951 211	4	347	
		15		19			4		19
654	9.651 861		9.700 654		0.299 346	9.951 207		346	1 1.9
655	9.651 876	15	9.700 673	19	0.299 327	9.951 203	4	345	2 3.8
656	9.651 891	15	9.700 691	18	0.299 309	9.951 200	3	344	3 5.7
		15		19			4		4 7.6
657	9.651 906		9.700 710		0.299 290	9.951 196		343	5 9.5
658	9.651 921	15	9.700 729	19	0.299 271	9.951 192	4	342	6 11.4
659	9.651 936	15	9.700 748	19	0.299 252	9.951 188	4	341	7 13.3
		15		19			4		8 15.2
.660	9.651 951		9.700 767		0.299 233	9.951 184		**.340**	9 17.1
		16		19			3		
661	9.651 967		9.700 786		0.299 214	9.951 181		339	
662	9.651 982	15	9.700 805	19	0.299 195	9.951 177	4	338	
663	9.651 997	15	9.700 824	19	0.299 176	9.951 173	4	337	
		15		19			4		
664	9.652 012		9.700 843		0.299 157	9.951 169		336	
665	9.652 027	15	9.700 862	19	0.299 138	9.951 165	4	335	
666	9.652 042	15	9.700 880	18	0.299 120	9.951 162	3	334	18
		15		19			4		1 1.8
667	9.652 057		9.700 899		0.299 101	9.951 158		333	2 3.6
668	9.652 072	15	9.700 918	19	0.299 082	9.951 154	4	332	3 5.4
669	9.652 087	15	9.700 937	19	0.299 063	9.951 150	4	331	4 7.2
		15		19			4		5 9.0
.670	9.652 102		9.700 956		0.299 044	9.951 146		**.330**	6 10.8
		15		19			3		7 12.6
671	9.652 117		9.700 975		0.299 025	9.951 143		329	8 14.4
672	9.652 133	16	9.700 994	19	0.299 006	9.951 139	4	328	9 16.2
673	9.652 148	15	9.701 013	19	0.298 987	9.951 135	4	327	
		15		19			4		
674	9.652 163		9.701 032		0.298 968	9.951 131		326	
675	9.652 178	15	9.701 051	19	0.298 949	9.951 127	4	325	
676	9.652 193	15	9.701 069	18	0.298 931	9.951 123	4	324	
		15		19			3		
677	9.652 208		9.701 088		0.298 912	9.951 120		323	16
678	9.652 223	15	9.701 107	19	0.298 893	9.951 116	4	322	1 1.6
679	9.652 238	15	9.701 126	19	0.298 874	9.951 112	4	321	2 3.2
		15		19			4		3 4.8
.680	9.652 253		9.701 145		0.298 855	9.951 108		**.320**	4 6.4
		15		19			4		5 8.0
681	9.652 268		9.701 164		0.298 836	9.951 104		319	6 9.6
682	9.652 283	15	9.701 183	19	0.298 817	9.951 101	3	318	7 11.2
683	9.652 298	15	9.701 202	19	0.298 798	9.951 097	4	317	8 12.8
		16		19			4		9 14.4
684	9.652 314		9.701 221		0.298 779	9.951 093		316	
685	9.652 329	15	9.701 239	18	0.298 761	9.951 089	4	315	
686	9.652 344	15	9.701 258	19	0.298 742	9.951 085	4	314	
		15		19			3		
687	9.652 359		9.701 277		0.298 723	9.951 082		313	15
688	9.652 374	15	9.701 296	19	0.298 704	9.951 078	4	312	1 1.5
689	9.652 389	15	9.701 315	19	0.298 685	9.951 074	4	311	2 3.0
		15		19			4		3 4.5
.690	9.652 404		9.701 334		0.298 666	9.951 070		**.310**	4 6.0
		15		19			4		5 7.5
691	9.652 419		9.701 353		0.298 647	9.951 066		309	6 9.0
692	9.652 434	15	9.701 372	19	0.298 628	9.951 063	3	308	7 10.5
693	9.652 449	15	9.701 391	19	0.298 609	9.951 059	4	307	8 12.0
		15		18			4		9 13.5
694	9.652 464		9.701 409		0.298 591	9.951 055		306	
695	9.652 479	15	9.701 428	19	0.298 572	9.951 051	4	305	
696	9.652 494	15	9.701 447	19	0.298 553	9.951 047	4	304	
		16		19			4		
697	9.652 510		9.701 466		0.298 534	9.951 043		303	
698	9.652 525	15	9.701 485	19	0.298 515	9.951 040	3	302	
699	9.652 540	15	9.701 504	19	0.298 496	9.951 036	4	301	
		15		19			4		
.700	9.652 555		9.701 523		0.298 477	9.951 032		**.300**	
	cos	d	cotg	d	tang	sin	d	**63°**	P.P.

63°.350 — 63°.300

26°.700 — 26°.750

26°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.652 555		9.701 523		0.298 477	9.951 032		**.300**	
		15		19			4		
701	9.652 570		9.701 542		0.298 458	9.951 028		299	
702	9.652 585	15	9.701 561	19	0.298 439	9.951 024	4	298	
703	9.652 600	15	9.701 579	18	0.298 421	9.951 021	3	297	
		15		19			4		
704	9.652 615		9.701 598		0.298 402	9.951 017		296	
705	9.652 630	15	9.701 617	19	0.298 383	9.951 013	4	295	
706	9.652 645	15	9.701 636	19	0.298 364	9.951 009	4	294	
		15		19			4		
707	9.652 660		9.701 655		0.298 345	9.951 005		293	
708	9.652 675	15	9.701 674	19	0.298 326	9.951 002	3	292	
709	9.652 690	15	9.701 693	19	0.298 307	9.950 998	4	291	
		15		19			4		
.710	9.652 705		9.701 712		0.298 288	9.950 994		**.290**	
		16		18			4		
711	9.652 721		9.701 730		0.298 270	9.950 990		289	
712	9.652 736	15	9.701 749	19	0.298 251	9.950 986	4	288	
713	9.652 751	15	9.701 768	19	0.298 232	9.950 982	4	287	
		15		19			3		
714	9.652 766		9.701 787		0.298 213	9.950 979		286	
715	9.652 781	15	9.701 806	19	0.298 194	9.950 975	4	285	
716	9.652 796	15	9.701 825	19	0.298 175	9.950 971	4	284	
		15		19			4		
717	9.652 811		9.701 844		0.298 156	9.950 967		283	
718	9.652 826	15	9.701 863	19	0.298 137	9.950 963	4	282	
719	9.652 841	15	9.701 881	18	0.298 119	9.950 960	3	281	
		15		19			4		
.720	9.652 856		9.701 900		0.298 100	9.950 956		**.280**	
		15		19			4		
721	9.652 871		9.701 919		0.298 081	9.950 952		279	
722	9.652 886	15	9.701 938	19	0.298 062	9.950 948	4	278	
723	9.652 901	15	9.701 957	19	0.298 043	9.950 944	4	277	
		15		19			4		
724	9.652 916		9.701 976		0.298 024	9.950 940		276	
725	9.652 931	15	9.701 995	19	0.298 005	9.950 937	3	275	
726	9.652 946	15	9.702 014	19	0.297 986	9.950 933	4	274	
		15		18			4		
727	9.652 961		9.702 032		0.297 968	9.950 929		273	
728	9.652 977	16	9.702 051	19	0.297 949	9.950 925	4	272	
729	9.652 992	15	9.702 070	19	0.297 930	9.950 921	4	271	
		15		19			3		
.730	9.653 007		9.702 089		0.297 911	9.950 918		**.270**	
		15		19			4		
731	9.653 022		9.702 108		0.297 892	9.950 914		269	
732	9.653 037	15	9.702 127	19	0.297 873	9.950 910	4	268	
733	9.653 052	15	9.702 146	19	0.297 854	9.950 906	4	267	
		15		18			4		
734	9.653 067		9.702 164		0.297 836	9.950 902		266	
735	9.653 082	15	9.702 183	19	0.297 817	9.950 899	3	265	
736	9.653 097	15	9.702 202	19	0.297 798	9.950 895	4	264	
		15		19			4		
737	9.653 112		9.702 221		0.297 779	9.950 891		263	
738	9.653 127	15	9.702 240	19	0.297 760	9.950 887	4	262	
739	9.653 142	15	9.702 259	19	0.297 741	9.950 883	4	261	
		15		19			4		
.740	9.653 157		9.702 278		0.297 722	9.950 879		**.260**	
		15		19			3		
741	9.653 172		9.702 297		0.297 703	9.950 876		259	
742	9.653 187	15	9.702 315	18	0.297 685	9.950 872	4	258	
743	9.653 202	15	9.702 334	19	0.297 666	9.950 868	4	257	
		15		19			4		
744	9.653 217		9.702 353		0.297 647	9.950 864		256	
745	9.653 232	15	9.702 372	19	0.297 628	9.950 860	4	255	
746	9.653 247	15	9.702 391	19	0.297 609	9.950 856	4	254	
		15		19			3		
747	9.653 262		9.702 410		0.297 590	9.950 853		253	
748	9.653 277	15	9.702 429	19	0.297 571	9.950 849	4	252	
749	9.653 292	15	9.702 447	18	0.297 553	9.950 845	4	251	
		16		19			4		
.750	9.653 308		9.702 466		0.297 534	9.950 841		**.250**	
	cos	d	cotg	d	tang	sin	d	**63°**	P.P.

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1	1.9
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8	15.2
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4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

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9	14.4

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6	9.0
7	10.5
8	12.0
9	13.5

63°.300 — 63°.250

26°.750 — 26°.800

26°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.653 308		9.702 466		0.297 534	9.950 841		.250	
		15		19			4		
751	9.653 323		9.702 485		0.297 515	9.950 837		249	
		15		19			3		
752	9.653 338		9.702 504		0.297 496	9.950 834		248	
		15		19			4		
753	9.653 353		9.702 523		0.297 477	9.950 830		247	
		15		19			4		
754	9.653 368		9.702 542		0.297 458	9.950 826		246	
		15		19			4		
755	9.653 383		9.702 561		0.297 439	9.950 822		245	
		15		18			4		
756	9.653 398		9.702 579		0.297 421	9.950 818		244	
		15		19			4		
757	9.653 413		9.702 598		0.297 402	9.950 814		243	
		15		19			3		
758	9.653 428		9.702 617		0.297 383	9.950 811		242	
		15		19			4		
759	9.653 443		9.702 636		0.297 364	9.950 807		241	
		15		19			4		
.760	9.653 458		9.702 655		0.297 345	9.950 803		.240	
		15		19			4		
761	9.653 473		9.702 674		0.297 326	9.950 799		239	
		15		19			4		
762	9.653 488		9.702 693		0.297 307	9.950 795		238	
		15		18			3		
763	9.653 503		9.702 711		0.297 289	9.950 792		237	
		15		19			4		
764	9.653 518		9.702 730		0.297 270	9.950 788		236	
		15		19			4		
765	9.653 533		9.702 749		0.297 251	9.950 784		235	
		15		19			4		
766	9.653 548		9.702 768		0.297 232	9.950 780		234	
		15		19			4		
767	9.653 563		9.702 787		0.297 213	9.950 776		233	
		15		19			4		
768	9.653 578		9.702 806		0.297 194	9.950 772		232	
		15		19			3		
769	9.653 593		9.702 825		0.297 175	9.950 769		231	
		15		18			4		
.770	9.653 608		9.702 843		0.297 157	9.950 765		.230	
		15		19			4		
771	9.653 623		9.702 862		0.297 138	9.950 761		229	
		15		19			4		
772	9.653 638		9.702 881		0.297 119	9.950 757		228	
		15		19			4		
773	9.653 653		9.702 900		0.297 100	9.950 753		227	
		15		19			4		
774	9.653 668		9.702 919		0.297 081	9.950 749		226	
		15		19			3		
775	9.653 683		9.702 938		0.297 062	9.950 746		225	
		15		18			4		
776	9.653 698		9.702 956		0.297 044	9.950 742		224	
		15		19			4		
777	9.653 713		9.702 975		0.297 025	9.950 738		223	
		15		19			4		
778	9.653 728		9.702 994		0.297 006	9.950 734		222	
		15		19			4		
779	9.653 743		9.703 013		0.296 987	9.950 730		221	
		15		19			3		
.780	9.653 758		9.703 032		0.296 968	9.950 727		.220	
		15		19			4		
781	9.653 773		9.703 051		0.296 949	9.950 723		219	
		15		19			4		
782	9.653 788		9.703 070		0.296 930	9.950 719		218	
		15		18			4		
783	9.653 803		9.703 088		0.296 912	9.950 715		217	
		15		19			4		
784	9.653 818		9.703 107		0.296 893	9.950 711		216	
		15		19			4		
785	9.653 833		9.703 126		0.296 874	9.950 707		215	
		15		19			3		
786	9.653 848		9.703 145		0.296 855	9.950 704		214	
		15		19			4		
787	9.653 863		9.703 164		0.296 836	9.950 700		213	
		15		19			4		
788	9.653 878		9.703 183		0.296 817	9.950 696		212	
		16		18			4		
789	9.653 894		9.703 201		0.296 799	9.950 692		211	
		15		19			4		
.790	9.653 909		9.703 220		0.296 780	9.950 688		.210	
		15		19			4		
791	9.653 924		9.703 239		0.296 761	9.950 684		209	
		15		19			3		
792	9.653 939		9.703 258		0.296 742	9.950 681		208	
		15		19			4		
793	9.653 954		9.703 277		0.296 723	9.950 677		207	
		15		19			4		
794	9.653 969		9.703 296		0.296 704	9.950 673		206	
		15		18			4		
795	9.653 984		9.703 314		0.296 686	9.950 669		205	
		15		19			4		
796	9.653 999		9.703 333		0.296 667	9.950 665		204	
		15		19			4		
797	9.654 014		9.703 352		0.296 648	9.950 661		203	
		15		19			3		
798	9.654 029		9.703 371		0.296 629	9.950 658		202	
		15		19			4		
799	9.654 044		9.703 390		0.296 610	9.950 654		201	
		15		19			4		
.800	9.654 059		9.703 409		0.296 591	9.950 650		.200	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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9	14.4

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4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

63°.250 — 63°.200

26°.800 — 26°.850

26°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.654 059		9.703 409		0.296 591	9.950 650		**.200**	
		15		18			4		
801	9.654 074		9.703 427		0.296 573	9.950 646		199	
802	9.654 089	15	9.703 446	19	0.296 554	9.950 642	4	198	
803	9.654 104	15	9.703 465	19	0.296 535	9.950 638	4	197	
		15		19			4		
804	9.654 119		9.703 484		0.296 516	9.950 635	3	196	
805	9.654 134	15	9.703 503	19	0.296 497	9.950 631	4	195	
806	9.654 149	15	9.703 522	19	0.296 478	9.950 627	4	194	
		15		18			4		
807	9.654 164		9.703 540		0.296 460	9.950 623		193	
808	9.654 179	15	9.703 559	19	0.296 441	9.950 619	4	192	
809	9.654 194	15	9.703 578	19	0.296 422	9.950 616	3	191	
		15		19			4		
.810	9.654 209		9.703 597		0.296 403	9.950 612		**.190**	
		15		19			4		
811	9.654 224		9.703 616		0.296 384	9.950 608		189	
812	9.654 239	15	9.703 635	19	0.296 365	9.950 604	4	188	
813	9.654 254	15	9.703 653	18	0.296 347	9.950 600	4	187	
		15		19			4		
814	9.654 269		9.703 672		0.296 328	9.950 596		186	
815	9.654 284	15	9.703 691	19	0.296 309	9.950 593	3	185	
816	9.654 299	15	9.703 710	19	0.296 290	9.950 589	4	184	
		15		19			4		
817	9.654 314		9.703 729		0.296 271	9.950 585		183	
818	9.654 329	15	9.703 748	19	0.296 252	9.950 581	4	182	
819	9.654 344	15	9.703 766	18	0.296 234	9.950 577	4	181	
		15		19			4		
.820	9.654 359		9.703 785		0.296 215	9.950 573		**.180**	
		15		19			3		
821	9.654 374		9.703 804		0.296 196	9.950 570		179	
822	9.654 389	15	9.703 823	19	0.296 177	9.950 566	4	178	
823	9.654 404	15	9.703 842	19	0.296 158	9.950 562	4	177	
		15		19			4		
824	9.654 419		9.703 861		0.296 139	9.950 558		176	
825	9.654 434	15	9.703 879	18	0.296 121	9.950 554	4	175	
826	9.654 449	15	9.703 898	19	0.296 102	9.950 550	4	174	
		15		19			3		
827	9.654 464		9.703 917		0.296 083	9.950 547		173	
828	9.654 479	15	9.703 936	19	0.296 064	9.950 543	4	172	
829	9.654 493	14	9.703 955	19	0.296 045	9.950 539	4	171	
		15		18			4		
.830	9.654 508		9.703 973		0.296 027	9.950 535		**.170**	
		15		19			4		
831	9.654 523		9.703 992		0.296 008	9.950 531		169	
832	9.654 538	15	9.704 011	19	0.295 989	9.950 527	4	168	
833	9.654 553	15	9.704 030	19	0.295 970	9.950 524	3	167	
		15		19			4		
834	9.654 568		9.704 049		0.295 951	9.950 520		166	
835	9.654 583	15	9.704 068	19	0.295 932	9.950 516	4	165	
836	9.654 598	15	9.704 086	18	0.295 914	9.950 512	4	164	
		15		19			4		
837	9.654 613		9.704 105		0.295 895	9.950 508		163	
838	9.654 628	15	9.704 124	19	0.295 876	9.950 504	4	162	
839	9.654 643	15	9.704 143	19	0.295 857	9.950 501	3	161	
		15		19			4		
.840	9.654 658		9.704 162		0.295 838	9.950 497		**.160**	
		15		18			4		
841	9.654 673		9.704 180		0.295 820	9.950 493		159	
842	9.654 688	15	9.704 199	19	0.295 801	9.950 489	4	158	
843	9.654 703	15	9.704 218	19	0.295 782	9.950 485	4	157	
		15		19			4		
844	9.654 718		9.704 237		0.295 763	9.950 481		156	
845	9.654 733	15	9.704 256	19	0.295 744	9.950 478	3	155	
846	9.654 748	15	9.704 274	18	0.295 726	9.950 474	4	154	
		15		19			4		
847	9.654 763		9.704 293		0.295 707	9.950 470		153	
848	9.654 778	15	9.704 312	19	0.295 688	9.950 466	4	152	
849	9.654 793	15	9.704 331	19	0.295 669	9.950 462	4	151	
		15		19			4		
.850	9.654 808		9.704 350		0.295 650	9.950 458		**.150**	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

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1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

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1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

63°.200 — 63°.150

26°.850 — 26°.900

26°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.654 808		9.704 350		0.295 650	9.950 458		**.150**	
		15		19			4		
851	9.654 823		9.704 369		0.295 631	9.950 454		149	
852	9.654 838	15	9.704 387	18	0.295 613	9.950 451	3	148	
853	9.654 853	15	9.704 406	19	0.295 594	9.950 447	4	147	
		15		19			4		19
854	9.654 868		9.704 425		0.295 575	9.950 443		146	1 1.9
855	9.654 883	15	9.704 444	19	0.295 556	9.950 439	4	145	2 3.8
856	9.654 898	15	9.704 463	19	0.295 537	9.950 435	4	144	3 5.7
		15		18			4		4 7.6
857	9.654 913		9.704 481		0.295 519	9.950 431		143	5 9.5
858	9.654 928	15	9.704 500	19	0.295 500	9.950 428	3	142	6 11.4
859	9.654 943	15	9.704 519	19	0.295 481	9.950 424	4	141	7 13.3
		15		19			4		8 15.2
.860	9.654 958		9.704 538		0.295 462	9.950 420		**.140**	9 17.1
		15		19			4		
861	9.654 973		9.704 557		0.295 443	9.950 416		139	
862	9.654 988	15	9.704 575	18	0.295 425	9.950 412	4	138	
863	9.655 003	15	9.704 594	19	0.295 406	9.950 408	4	137	
		15		19			3		
864	9.655 018		9.704 613		0.295 387	9.950 405		136	
865	9.655 033	15	9.704 632	19	0.295 368	9.950 401	4	135	18
866	9.655 048	15	9.704 651	19	0.295 349	9.950 397	4	134	
		15		18			4		1 1.8
867	9.655 063		9.704 669		0.295 331	9.950 393		133	2 3.6
868	9.655 077	14	9.704 688	19	0.295 312	9.950 389	4	132	3 5.4
869	9.655 092	15	9.704 707	19	0.295 293	9.950 385	4	131	4 7.2
		15		19			3		5 9.0
.870	9.655 107		9.704 726		0.295 274	9.950 382		**.130**	6 10.8
		15		19			4		7 12.6
871	9.655 122		9.704 745		0.295 255	9.950 378		129	8 14.4
872	9.655 137	15	9.704 763	18	0.295 237	9.950 374	4	128	9 16.2
873	9.655 152	15	9.704 782	19	0.295 218	9.950 370	4	127	
		15		19			4		
874	9.655 167		9.704 801		0.295 199	9.950 366		126	
875	9.655 182	15	9.704 820	19	0.295 180	9.950 362	4	125	
876	9.655 197	15	9.704 839	19	0.295 161	9.950 359	3	124	
		15		18			4		15
877	9.655 212		9.704 857		0.295 143	9.950 355		123	
878	9.655 227	15	9.704 876	19	0.295 124	9.950 351	4	122	1 1.5
879	9.655 242	15	9.704 895	19	0.295 105	9.950 347	4	121	2 3.0
		15		19			4		3 4.5
.880	9.655 257		9.704 914		0.295 086	9.950 343		**.120**	4 6.0
		15		19			4		5 7.5
881	9.655 272		9.704 933		0.295 067	9.950 339		119	6 9.0
882	9.655 287	15	9.704 951	18	0.295 049	9.950 335	4	118	7 10.5
883	9.655 302	15	9.704 970	19	0.295 030	9.950 332	3	117	8 12.0
		15		19			4		9 13.5
884	9.655 317		9.704 989		0.295 011	9.950 328		116	
885	9.655 332	15	9.705 008	19	0.294 992	9.950 324	4	115	
886	9.655 347	15	9.705 027	19	0.294 973	9.950 320	4	114	
		15		18			4		
887	9.655 362		9.705 045		0.294 955	9.950 316		113	
888	9.655 377	15	9.705 064	19	0.294 936	9.950 312	4	112	
889	9.655 392	15	9.705 083	19	0.294 917	9.950 309	3	111	14
		14		19			4		
.890	9.655 406		9.705 102		0.294 898	9.950 305		**.110**	1 1.4
		15		19			4		2 2.8
891	9.655 421		9.705 121		0.294 879	9.950 301		109	3 4.2
892	9.655 436	15	9.705 139	18	0.294 861	9.950 297	4	108	4 5.6
893	9.655 451	15	9.705 158	19	0.294 842	9.950 293	4	107	5 7.0
		15		19			4		6 8.4
894	9.655 466		9.705 177		0.294 823	9.950 289		106	7 9.8
895	9.655 481	15	9.705 196	19	0.294 804	9.950 285	4	105	8 11.2
896	9.655 496	15	9.705 215	19	0.294 785	9.950 282	3	104	9 12.6
		15		18			4		
897	9.655 511		9.705 233		0.294 767	9.950 278		103	
898	9.655 526	15	9.705 252	19	0.294 748	9.950 274	4	102	
899	9.655 541	15	9.705 271	19	0.294 729	9.950 270	4	101	
		15		19			4		
.900	9.655 556		9.705 290		0.294 710	9.950 266		**.100**	
	cos	d	cotg	d	tang	sin	d	**63°**	P.P.

63°.150 — 63°.100

26°.900 — 26°.950

26°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.655 556		9.705 290		0.294 710	9.950 266		.100	
		15		18			4		
901	9.655 571		9.705 308		0.294 692	9.950 262		099	
902	9.655 586	15	9.705 327	19	0.294 673	9.950 259	3	098	
903	9.655 601	15	9.705 346	19	0.294 654	9.950 255	4	097	
		15		19			4		
904	9.655 616		9.705 365		0.294 635	9.950 251		096	
905	9.655 631	15	9.705 384	19	0.294 616	9.950 247	4	095	
906	9.655 646	15	9.705 402	18	0.294 598	9.950 243	4	094	
		14		19			4		
907	9.655 660		9.705 421		0.294 579	9.950 239		093	
908	9.655 675	15	9.705 440	19	0.294 560	9.950 235	4	092	
909	9.655 690	15	9.705 459	19	0.294 541	9.950 232	3	091	
		15		18			4		
.910	9.655 705		9.705 477		0.294 523	9.950 228		.090	
		15		19			4		
911	9.655 720		9.705 496		0.294 504	9.950 224		089	
912	9.655 735	15	9.705 515	19	0.294 485	9.950 220	4	088	
913	9.655 750	15	9.705 534	19	0.294 466	9.950 216	4	087	
		15		19			4		
914	9.655 765		9.705 553		0.294 447	9.950 212		086	
915	9.655 780	15	9.705 571	18	0.294 429	9.950 209	3	085	
916	9.655 795	15	9.705 590	19	0.294 410	9.950 205	4	084	
		15		19			4		
917	9.655 810		9.705 609		0.294 391	9.950 201		083	
918	9.655 825	15	9.705 628	19	0.294 372	9.950 197	4	082	
919	9.655 840	15	9.705 647	19	0.294 353	9.950 193	4	081	
		15		18			4		
.920	9.655 855		9.705 665		0.294 335	9.950 189		.080	
		15		19			4		
921	9.655 870		9.705 684		0.294 316	9.950 185		079	
922	9.655 884	14	9.705 703	19	0.294 297	9.950 182	3	078	
923	9.655 899	15	9.705 722	19	0.294 278	9.950 178	4	077	
		15		18			4		
924	9.655 914		9.705 740		0.294 260	9.950 174		076	
925	9.655 929	15	9.705 759	19	0.294 241	9.950 170	4	075	
926	9.655 944	15	9.705 778	19	0.294 222	9.950 166	4	074	
		15		19			4		
927	9.655 959		9.705 797		0.294 203	9.950 162		073	
928	9.655 974	15	9.705 815	18	0.294 185	9.950 159	3	072	
929	9.655 989	15	9.705 834	19	0.294 166	9.950 155	4	071	
		15		19			4		
.930	9.656 004		9.705 853		0.294 147	9.950 151		.070	
		15		19			4		
931	9.656 019		9.705 872		0.294 128	9.950 147		069	
932	9.656 034	15	9.705 891	19	0.294 109	9.950 143	4	068	
933	9.656 049	15	9.705 909	18	0.294 091	9.950 139	4	067	
		15		19			4		
934	9.656 064		9.705 928		0.294 072	9.950 135		066	
935	9.656 078	14	9.705 947	19	0.294 053	9.950 132	3	065	
936	9.656 093	15	9.705 966	19	0.294 034	9.950 128	4	064	
		15		18			4		
937	9.656 108		9.705 984		0.294 016	9.950 124		063	
938	9.656 123	15	9.706 003	19	0.293 997	9.950 120	4	062	
939	9.656 138	15	9.706 022	19	0.293 978	9.950 116	4	061	
		15		19			4		
.940	9.656 153		9.706 041		0.293 959	9.950 112		.060	
		15		18			4		
941	9.656 168		9.706 059		0.293 941	9.950 108		059	
942	9.656 183	15	9.706 078	19	0.293 922	9.950 105	3	058	
943	9.656 198	15	9.706 097	19	0.293 903	9.950 101	4	057	
		15		19			4		
944	9.656 213		9.706 116		0.293 884	9.950 097		056	
945	9.656 228	15	9.706 135	19	0.293 865	9.950 093	4	055	
946	9.656 243	15	9.706 153	18	0.293 847	9.950 089	4	054	
		14		19			4		
947	9.656 257		9.706 172		0.293 828	9.950 085		053	
948	9.656 272	15	9.706 191	19	0.293 809	9.950 081	4	052	
949	9.656 287	15	9.706 210	19	0.293 790	9.950 078	3	051	
		15		18			4		
.950	9.656 302		9.706 228		0.293 772	9.950 074		.050	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

63°.100 — 63°.050

26°.950 — 27°.000

26°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.656 302		9.706 228		0.293 772	9.950 074		**.050**	
		15		19			4		
951	9.656 317		9.706 247		0.293 753	9.950 070		049	
		15		19			4		
952	9.656 332		9.706 266		0.293 734	9.950 066		048	
		15		19			4		
953	9.656 347		9.706 285		0.293 715	9.950 062		047	
		15		18			4		
954	9.656 362		9.706 303		0.293 697	9.950 058		046	
		15		19			3		
955	9.656 377		9.706 322		0.293 678	9.950 055		045	
		15		19			4		
956	9.656 392		9.706 341		0.293 659	9.950 051		044	
		14		19			4		
957	9.656 406		9.706 360		0.293 640	9.950 047		043	
		15		18			4		
958	9.656 421		9.706 378		0.293 622	9.950 043		042	
		15		19			4		
959	9.656 436		9.706 397		0.293 603	9.950 039		041	
		15		19			4		
.960	9.656 451		9.706 416		0.293 584	9.950 035		**.040**	
		15		19			4		
961	9.656 466		9.706 435		0.293 565	9.950 031		039	
		15		18			3		
962	9.656 481		9.706 453		0.293 547	9.950 028		038	
		15		19			4		
963	9.656 496		9.706 472		0.293 528	9.950 024		037	
		15		19			4		
964	9.656 511		9.706 491		0.293 509	9.950 020		036	
		15		19			4		
965	9.656 526		9.706 510		0.293 490	9.950 016		035	
		15		18			4		
966	9.656 541		9.706 528		0.293 472	9.950 012		034	
		14		19			4		
967	9.656 555		9.706 547		0.293 453	9.950 008		033	
		15		19			4		
968	9.656 570		9.706 566		0.293 434	9.950 004		032	
		15		19			3		
969	9.656 585		9.706 585		0.293 415	9.950 001		031	
		15		19			4		
.970	9.656 600		9.706 604		0.293 396	9.949 997		**.030**	
		15		18			4		
971	9.656 615		9.706 622		0.293 378	9.949 993		029	
		15		19			4		
972	9.656 630		9.706 641		0.293 359	9.949 989		028	
		15		19			4		
973	9.656 645		9.706 660		0.293 340	9.949 985		027	
		15		19			4		
974	9.656 660		9.706 679		0.293 321	9.949 981		026	
		15		18			4		
975	9.656 675		9.706 697		0.293 303	9.949 977		025	
		15		19			3		
976	9.656 690		9.706 716		0.293 284	9.949 974		024	
		14		19			4		
977	9.656 704		9.706 735		0.293 265	9.949 970		023	
		15		19			4		
978	9.656 719		9.706 754		0.293 246	9.949 966		022	
		15		18			4		
979	9.656 734		9.706 772		0.293 228	9.949 962		021	
		15		19			4		
.980	9.656 749		9.706 791		0.293 209	9.949 958		**.020**	
		15		19			4		
981	9.656 764		9.706 810		0.293 190	9.949 954		019	
		15		19			4		
982	9.656 779		9.706 829		0.293 171	9.949 950		018	
		15		18			3		
983	9.656 794		9.706 847		0.293 153	9.949 947		017	
		15		19			4		
984	9.656 809		9.706 866		0.293 134	9.949 943		016	
		15		19			4		
985	9.656 824		9.706 885		0.293 115	9.949 939		015	
		14		18			4		
986	9.656 838		9.706 903		0.293 097	9.949 935		014	
		15		19			4		
987	9.656 853		9.706 922		0.293 078	9.949 931		013	
		15		19			4		
988	9.656 868		9.706 941		0.293 059	9.949 927		012	
		15		19			4		
989	9.656 883		9.706 960		0.293 040	9.949 923		011	
		15		18			4		
.990	9.656 898		9.706 978		0.293 022	9.949 919		**.010**	
		15		19			3		
991	9.656 913		9.706 997		0.293 003	9.949 916		009	
		15		19			4		
992	9.656 928		9.707 016		0.292 984	9.949 912		008	
		15		19			4		
993	9.656 943		9.707 035		0.292 965	9.949 908		007	
		14		18			4		
994	9.656 957		9.707 053		0.292 947	9.949 904		006	
		15		19			4		
995	9.656 972		9.707 072		0.292 928	9.949 900		005	
		15		19			4		
996	9.656 987		9.707 091		0.292 909	9.949 896		004	
		15		19			4		
997	9.657 002		9.707 110		0.292 890	9.949 892		003	
		15		18			3		
998	9.657 017		9.707 128		0.292 872	9.949 889		002	
		15		19			4		
999	9.657 032		9.707 147		0.292 853	9.949 885		001	
		15		19			4		
***000**	9.657 047		9.707 166		0.292 834	9.949 881		**.000**	
	cos	d	cotg	d	tang	sin	d	**63°**	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

63°.050 — 63°.000

27°.000 — 27°.050

27°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.657 047		9.707 166		0.292 834	9.949 881		***000**	
		15		19			4		
001	9.657 062		9.707 185		0.292 815	9.949 877		999	
002	9.657 077	15	9.707 203	18	0.292 797	9.949 873	4	998	
003	9.657 091	14	9.707 222	19	0.292 778	9.949 869	4	997	
		15		19			4		
004	9.657 106		9.707 241		0.292 759	9.949 865		996	
005	9.657 121	15	9.707 260	19	0.292 740	9.949 862	3	995	
006	9.657 136	15	9.707 278	18	0.292 722	9.949 858	4	994	
		15		19			4		
007	9.657 151		9.707 297		0.292 703	9.949 854		993	
008	9.657 166	15	9.707 316	19	0.292 684	9.949 850	4	992	
009	9.657 181	15	9.707 335	19	0.292 665	9.949 846	4	991	
		14		18			4		
.010	9.657 195		9.707 353		0.292 647	9.949 842		**.990**	
		15		19			4		
011	9.657 210		9.707 372		0.292 628	9.949 838		989	
012	9.657 225	15	9.707 391	19	0.292 609	9.949 835	3	988	
013	9.657 240	15	9.707 409	18	0.292 591	9.949 831	4	987	
		15		19			4		
014	9.657 255		9.707 428		0.292 572	9.949 827		986	
015	9.657 270	15	9.707 447	19	0.292 553	9.949 823	4	985	
016	9.657 285	15	9.707 466	19	0.292 534	9.949 819	4	984	
		15		18			4		
017	9.657 300		9.707 484		0.292 516	9.949 815		983	
018	9.657 314	14	9.707 503	19	0.292 497	9.949 811	4	982	
019	9.657 329	15	9.707 522	19	0.292 478	9.949 807	4	981	
		15		19			3		
.020	9.657 344		9.707 541		0.292 459	9.949 804		**.980**	
		15		18			4		
021	9.657 359		9.707 559		0.292 441	9.949 800		979	
022	9.657 374	15	9.707 578	19	0.292 422	9.949 796	4	978	
023	9.657 389	15	9.707 597	19	0.292 403	9.949 792	4	977	
		15		18			4		
024	9.657 404		9.707 615		0.292 385	9.949 788		976	
025	9.657 418	14	9.707 634	19	0.292 366	9.949 784	4	975	
026	9.657 433	15	9.707 653	19	0.292 347	9.949 780	4	974	
		15		19			3		
027	9.657 448		9.707 672		0.292 328	9.949 777		973	
028	9.657 463	15	9.707 690	18	0.292 310	9.949 773	4	972	
029	9.657 478	15	9.707 709	19	0.292 291	9.949 769	4	971	
		15		19			4		
.030	9.657 493		9.707 728		0.292 272	9.949 765		**.970**	
		15		19			4		
031	9.657 508		9.707 747		0.292 253	9.949 761		969	
032	9.657 522	14	9.707 765	18	0.292 235	9.949 757	4	968	
033	9.657 537	15	9.707 784	19	0.292 216	9.949 753	4	967	
		15		19			4		
034	9.657 552		9.707 803		0.292 197	9.949 749		966	
035	9.657 567	15	9.707 821	18	0.292 179	9.949 746	3	965	
036	9.657 582	15	9.707 840	19	0.292 160	9.949 742	4	964	
		15		19			4		
037	9.657 597		9.707 859		0.292 141	9.949 738		963	
038	9.657 612	15	9.707 878	19	0.292 122	9.949 734	4	962	
039	9.657 626	14	9.707 896	18	0.292 104	9.949 730	4	961	
		15		19			4		
.040	9.657 641		9.707 915		0.292 085	9.949 726		**.960**	
		15		19			4		
041	9.657 656		9.707 934		0.292 066	9.949 722		959	
042	9.657 671	15	9.707 952	18	0.292 048	9.949 719	3	958	
043	9.657 686	15	9.707 971	19	0.292 029	9.949 715	4	957	
		15		19			4		
044	9.657 701		9.707 990		0.292 010	9.949 711		956	
045	9.657 716	15	9.708 009	19	0.291 991	9.949 707	4	955	
046	9.657 730	14	9.708 027	18	0.291 973	9.949 703	4	954	
		15		19			4		
047	9.657 745		9.708 046		0.291 954	9.949 699		953	
048	9.657 760	15	9.708 065	19	0.291 935	9.949 695	4	952	
049	9.657 775	15	9.708 083	18	0.291 917	9.949 691	4	951	
		15		19			3		
.050	9.657 790		9.708 102		0.291 898	9.949 688		**.950**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

63°.000 — 62°.950

27°.050 — 27°.100

27°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.657 790		9.708 102		0.291 898	9.949 688		**.950**	
		15		19			4		
051	9.657 805		9.708 121		0.291 879	9.949 684		949	
052	9.657 819	14	9.708 140	19	0.291 860	9.949 680	4	948	
053	9.657 834	15	9.708 158	18	0.291 842	9.949 676	4	947	
		15		19			4		19
054	9.657 849		9.708 177		0.291 823	9.949 672		946	1 1.9
055	9.657 864	15	9.708 196	19	0.291 804	9.949 668	4	945	2 3.8
056	9.657 879	15	9.708 214	18	0.291 786	9.949 664	4	944	3 5.7
		15		19			4		4 7.6
057	9.657 894		9.708 233		0.291 767	9.949 660		943	5 9.5
058	9.657 909	15	9.708 252	19	0.291 748	9.949 657	3	942	6 11.4
059	9.657 923	14	9.708 271	19	0.291 729	9.949 653	4	941	7 13.3
		15		18			4		8 15.2
.060	9.657 938		9.708 289		0.291 711	9.949 649		**.940**	9 17.1
		15		19			4		
061	9.657 953		9.708 308		0.291 692	9.949 645		939	
062	9.657 968	15	9.708 327	19	0.291 673	9.949 641	4	938	
063	9.657 983	15	9.708 345	18	0.291 655	9.949 637	4	937	
		15		19			4		
064	9.657 998		9.708 364		0.291 636	9.949 633		936	
065	9.658 012	14	9.708 383	19	0.291 617	9.949 629	4	935	18
066	9.658 027	15	9.708 402	19	0.291 598	9.949 626	3	934	
		15		18			4		1 1.8
067	9.658 042		9.708 420		0.291 580	9.949 622		933	2 3.6
068	9.658 057	15	9.708 439	19	0.291 561	9.949 618	4	932	3 5.4
069	9.658 072	15	9.708 458	19	0.291 542	9.949 614	4	931	4 7.2
		15		18			4		5 9.0
.070	9.658 087		9.708 476		0.291 524	9.949 610		**.930**	6 10.8
		14		19			4		7 12.6
071	9.658 101		9.708 495		0.291 505	9.949 606		929	8 14.4
072	9.658 116	15	9.708 514	19	0.291 486	9.949 602	4	928	9 16.2
073	9.658 131	15	9.708 533	19	0.291 467	9.949 599	3	927	
		15		18			4		
074	9.658 146		9.708 551		0.291 449	9.949 595		926	
075	9.658 161	15	9.708 570	19	0.291 430	9.949 591	4	925	
076	9.658 176	15	9.708 589	19	0.291 411	9.949 587	4	924	
		14		18			4		15
077	9.658 190		9.708 607		0.291 393	9.949 583		923	1 1.5
078	9.658 205	15	9.708 626	19	0.291 374	9.949 579	4	922	2 3.0
079	9.658 220	15	9.708 645	19	0.291 355	9.949 575	4	921	3 4.5
		15		18			4		4 6.0
.080	9.658 235		9.708 663		0.291 337	9.949 571		**.920**	5 7.5
		15		19			3		6 9.0
081	9.658 250		9.708 682		0.291 318	9.949 568		919	7 10.5
082	9.658 264	14	9.708 701	19	0.291 299	9.949 564	4	918	8 12.0
083	9.658 279	15	9.708 720	19	0.291 280	9.949 560	4	917	9 13.5
		15		18			4		
084	9.658 294		9.708 738		0.291 262	9.949 556		916	
085	9.658 309	15	9.708 757	19	0.291 243	9.949 552	4	915	
086	9.658 324	15	9.708 776	19	0.291 224	9.949 548	4	914	
		15		18			4		
087	9.658 339		9.708 794		0.291 206	9.949 544		913	
088	9.658 353	14	9.708 813	19	0.291 187	9.949 540	4	912	
089	9.658 368	15	9.708 832	19	0.291 168	9.949 536	4	911	14
		15		18			3		
.090	9.658 383		9.708 850		0.291 150	9.949 533		**.910**	1 1.4
		15		19			4		2 2.8
091	9.658 398		9.708 869		0.291 131	9.949 529		909	3 4.2
092	9.658 413	15	9.708 888	19	0.291 112	9.949 525	4	908	4 5.6
093	9.658 427	14	9.708 907	19	0.291 093	9.949 521	4	907	5 7.0
		15		18			4		6 8.4
094	9.658 442		9.708 925		0.291 075	9.949 517		906	7 9.8
095	9.658 457	15	9.708 944	19	0.291 056	9.949 513	4	905	8 11.2
096	9.658 472	15	9.708 963	19	0.291 037	9.949 509	4	904	9 12.6
		15		18			4		
097	9.658 487		9.708 981		0.291 019	9.949 505		903	
098	9.658 502	15	9.709 000	19	0.291 000	9.949 502	3	902	
099	9.658 516	14	9.709 019	19	0.290 981	9.949 498	4	901	
		15		18			4		
.100	9.658 531		9.709 037		0.290 963	9.949 494		**.900**	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.950 — 62°.900

27°.100 — 27°.150

27°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.658 531		9.709 037		0.290 963	9.949 494		.900	
		15		19			4		
101	9.658 546		9.709 056		0.290 944	9.949 490		899	
102	9.658 561	15	9.709 075	19	0.290 925	9.949 486	4	898	
103	9.658 576	15	9.709 093	18	0.290 907	9.949 482	4	897	
		14		19			4		19
104	9.658 590		9.709 112		0.290 888	9.949 478		896	1 1.9
105	9.658 605	15	9.709 131	19	0.290 869	9.949 474	4	895	2 3.8
106	9.658 620	15	9.709 149	18	0.290 851	9.949 471	3	894	3 5.7
		15		19			4		4 7.6
107	9.658 635		9.709 168		0.290 832	9.949 467		893	5 9.5
108	9.658 650	15	9.709 187	19	0.290 813	9.949 463	4	892	6 11.4
109	9.658 664	14	9.709 206	19	0.290 794	9.949 459	4	891	7 13.3
		15		18			4		8 15.2
.110	9.658 679		9.709 224		0.290 776	9.949 455		.890	9 17.1
		15		19			4		
111	9.658 694		9.709 243		0.290 757	9.949 451		889	
112	9.658 709	15	9.709 262	19	0.290 738	9.949 447	4	888	
113	9.658 724	15	9.709 280	18	0.290 720	9.949 443	4	887	
		15		19			3		
114	9.658 739		9.709 299		0.290 701	9.949 440		886	
115	9.658 753	14	9.709 318	19	0.290 682	9.949 436	4	885	18
116	9.658 768	15	9.709 336	18	0.290 664	9.949 432	4	884	
		15		19			4		1 1.8
117	9.658 783		9.709 355		0.290 645	9.949 428		883	2 3.6
118	9.658 798	15	9.709 374	19	0.290 626	9.949 424	4	882	3 5.4
119	9.658 813	15	9.709 392	18	0.290 608	9.949 420	4	881	4 7.2
		14		19			4		5 9.0
.120	9.658 827		9.709 411		0.290 589	9.949 416		.880	6 10.8
		15		19			4		7 12.6
121	9.658 842		9.709 430		0.290 570	9.949 412		879	8 14.4
122	9.658 857	15	9.709 448	18	0.290 552	9.949 408	4	878	9 16.2
123	9.658 872	15	9.709 467	19	0.290 533	9.949 405	3	877	
		15		19			4		
124	9.658 887		9.709 486		0.290 514	9.949 401		876	
125	9.658 901	14	9.709 504	18	0.290 496	9.949 397	4	875	
126	9.658 916	15	9.709 523	19	0.290 477	9.949 393	4	874	
		15		19			4		
127	9.658 931		9.709 542		0.290 458	9.949 389		873	15
128	9.658 946	15	9.709 561	19	0.290 439	9.949 385	4	872	
129	9.658 960	14	9.709 579	18	0.290 421	9.949 381	4	871	1 1.5
		15		19			4		2 3.0
.130	9.658 975		9.709 598		0.290 402	9.949 377		.870	3 4.5
		15		19			3		4 6.0
131	9.658 990		9.709 617		0.290 383	9.949 374		869	5 7.5
132	9.659 005	15	9.709 635	18	0.290 365	9.949 370	4	868	6 9.0
133	9.659 020	15	9.709 654	19	0.290 346	9.949 366	4	867	7 10.5
		14		19			4		8 12.0
134	9.659 034		9.709 673		0.290 327	9.949 362		866	9 13.5
135	9.659 049	15	9.709 691	18	0.290 309	9.949 358	4	865	
136	9.659 064	15	9.709 710	19	0.290 290	9.949 354	4	864	
		15		19			4		
137	9.659 079		9.709 729		0.290 271	9.949 350		863	
138	9.659 094	15	9.709 747	18	0.290 253	9.949 346	4	862	
139	9.659 108	14	9.709 766	19	0.290 234	9.949 342	4	861	14
		15		19			3		
.140	9.659 123		9.709 785		0.290 215	9.949 339		.860	1 1.4
		15		18			4		2 2.8
141	9.659 138		9.709 803		0.290 197	9.949 335		859	3 4.2
142	9.659 153	15	9.709 822	19	0.290 178	9.949 331	4	858	4 5.6
143	9.659 168	15	9.709 841	19	0.290 159	9.949 327	4	857	5 7.0
		14		18			4		6 8.4
144	9.659 182		9.709 859		0.290 141	9.949 323		856	7 9.8
145	9.659 197	15	9.709 878	19	0.290 122	9.949 319	4	855	8 11.2
146	9.659 212	15	9.709 897	19	0.290 103	9.949 315	4	854	9 12.6
		15		18			4		
147	9.659 227		9.709 915		0.290 085	9.949 311		853	
148	9.659 241	14	9.709 934	19	0.290 066	9.949 307	4	852	
149	9.659 256	15	9.709 953	19	0.290 047	9.949 304	3	851	
		15		18			4		
.150	9.659 271		9.709 971		0.290 029	9.949 300		.850	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.900 — 62°.850

27°.150 — 27°.200

27°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.659 271		9.709 971		0.290 029	9.949 300		.850	
		15		19			4		
151	9.659 286		9.709 990		0.290 010	9.949 296		849	
152	9.659 301	15	9.710 009	19	0.289 991	9.949 292	4	848	
153	9.659 315	14	9.710 027	18	0.289 973	9.949 288	4	847	
		15		19			4		19
154	9.659 330		9.710 046		0.289 954	9.949 284		846	1 1.9
155	9.659 345	15	9.710 065	19	0.289 935	9.949 280	4	845	2 3.8
156	9.659 360	15	9.710 083	18	0.289 917	9.949 276	4	844	3 5.7
		14		19			4		4 7.6
157	9.659 374		9.710 102		0.289 898	9.949 272		843	5 9.5
158	9.659 389	15	9.710 121	19	0.289 879	9.949 269	3	842	6 11.4
159	9.659 404	15	9.710 139	18	0.289 861	9.949 265	4	841	7 13.3
		15		19			4		8 15.2
.160	9.659 419		9.710 158		0.289 842	9.949 261		.840	9 17.1
		15		19			4		
161	9.659 434		9.710 177		0.289 823	9.949 257		839	
162	9.659 448	14	9.710 195	18	0.289 805	9.949 253	4	838	
163	9.659 463	15	9.710 214	19	0.289 786	9.949 249	4	837	
		15		19			4		
164	9.659 478		9.710 233		0.289 767	9.949 245		836	
165	9.659 493	15	9.710 251	18	0.289 749	9.949 241	4	835	18
166	9.659 507	14	9.710 270	19	0.289 730	9.949 237	4	834	
		15		19			3		1 1.8
167	9.659 522		9.710 289		0.289 711	9.949 234		833	2 3.6
168	9.659 537	15	9.710 307	18	0.289 693	9.949 230	4	832	3 5.4
169	9.659 552	15	9.710 326	19	0.289 674	9.949 226	4	831	4 7.2
		15		19			4		5 9.0
.170	9.659 567		9.710 345		0.289 655	9.949 222		.830	6 10.8
		14		18			4		7 12.6
171	9.659 581		9.710 363		0.289 637	9.949 218		829	8 14.4
172	9.659 596	15	9.710 382	19	0.289 618	9.949 214	4	828	9 16.2
173	9.659 611	15	9.710 401	19	0.289 599	9.949 210	4	827	
		15		18			4		
174	9.659 626		9.710 419		0.289 581	9.949 206		826	
175	9.659 640	14	9.710 438	19	0.289 562	9.949 202	4	825	
176	9.659 655	15	9.710 457	19	0.289 543	9.949 199	3	824	
		15		18			4		
177	9.659 670		9.710 475		0.289 525	9.949 195		823	15
178	9.659 685	15	9.710 494	19	0.289 506	9.949 191	4	822	
179	9.659 699	14	9.710 512	18	0.289 488	9.949 187	4	821	1 1.5
		15		19			4		2 3.0
.180	9.659 714		9.710 531		0.289 469	9.949 183		.820	3 4.5
		15		19			4		4 6.0
181	9.659 729		9.710 550		0.289 450	9.949 179		819	5 7.5
182	9.659 744	15	9.710 568	18	0.289 432	9.949 175	4	818	6 9.0
183	9.659 758	14	9.710 587	19	0.289 413	9.949 171	4	817	7 10.5
		15		19			4		8 12.0
184	9.659 773		9.710 606		0.289 394	9.949 167		816	9 13.5
185	9.659 788	15	9.710 624	18	0.289 376	9.949 164	3	815	
186	9.659 803	15	9.710 643	19	0.289 357	9.949 160	4	814	
		14		19			4		
187	9.659 817		9.710 662		0.289 338	9.949 156		813	
188	9.659 832	15	9.710 680	18	0.289 320	9.949 152	4	812	
189	9.659 847	15	9.710 699	19	0.289 301	9.949 148	4	811	14
		15		19			4		
.190	9.659 862		9.710 718		0.289 282	9.949 144		.810	1 1.4
		14		18			4		2 2.8
191	9.659 876		9.710 736		0.289 264	9.949 140		809	3 4.2
192	9.659 891	15	9.710 755	19	0.289 245	9.949 136	4	808	4 5.6
193	9.659 906	15	9.710 774	19	0.289 226	9.949 132	4	807	5 7.0
		15		18			4		6 8.4
194	9.659 921		9.710 792		0.289 208	9.949 128		806	7 9.8
195	9.659 935	14	9.710 811	19	0.289 189	9.949 125	3	805	8 11.2
196	9.659 950	15	9.710 830	19	0.289 170	9.949 121	4	804	9 12.6
		15		18			4		
197	9.659 965		9.710 848		0.289 152	9.949 117		803	
198	9.659 980	15	9.710 867	19	0.289 133	9.949 113	4	802	
199	9.659 995	15	9.710 885	18	0.289 115	9.949 109	4	801	
		14		19			4		
.200	9.660 009		9.710 904		0.289 096	9.949 105		.800	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.850 — 62°.800

27°.200 — 27°.250

27°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.660 009		9.710 904		0.289 096	9.949 105		**.800**	
201	9.660 024	15	9.710 923	19	0.289 077	9.949 101	4	799	
202	9.660 039	15	9.710 941	18	0.289 059	9.949 097	4	798	
203	9.660 053	14	9.710 960	19	0.289 040	9.949 093	4	797	
204	9.660 068	15	9.710 979	19	0.289 021	9.949 090	3	796	
205	9.660 083	15	9.710 997	18	0.289 003	9.949 086	4	795	
206	9.660 098	15	9.711 016	19	0.288 984	9.949 082	4	794	
207	9.660 112	14	9.711 035	19	0.288 965	9.949 078	4	793	
208	9.660 127	15	9.711 053	18	0.288 947	9.949 074	4	792	
209	9.660 142	15	9.711 072	19	0.288 928	9.949 070	4	791	
.210	9.660 157	15	9.711 091	19	0.288 909	9.949 066	4	**.790**	
211	9.660 171	14	9.711 109	18	0.288 891	9.949 062	4	789	
212	9.660 186	15	9.711 128	19	0.288 872	9.949 058	4	788	
213	9.660 201	15	9.711 146	18	0.288 854	9.949 054	4	787	
214	9.660 216	15	9.711 165	19	0.288 835	9.949 051	3	786	
215	9.660 230	14	9.711 184	19	0.288 816	9.949 047	4	785	
216	9.660 245	15	9.711 202	18	0.288 798	9.949 043	4	784	
217	9.660 260	15	9.711 221	19	0.288 779	9.949 039	4	783	
218	9.660 275	15	9.711 240	19	0.288 760	9.949 035	4	782	
219	9.660 289	14	9.711 258	18	0.288 742	9.949 031	4	781	
.220	9.660 304	15	9.711 277	19	0.288 723	9.949 027	4	**.780**	
221	9.660 319	15	9.711 296	19	0.288 704	9.949 023	4	779	
222	9.660 334	15	9.711 314	18	0.288 686	9.949 019	4	778	
223	9.660 348	14	9.711 333	19	0.288 667	9.949 015	4	777	
224	9.660 363	15	9.711 351	18	0.288 649	9.949 012	3	776	
225	9.660 378	15	9.711 370	19	0.288 630	9.949 008	4	775	
226	9.660 393	15	9.711 389	19	0.288 611	9.949 004	4	774	
227	9.660 407	14	9.711 407	18	0.288 593	9.949 000	4	773	
228	9.660 422	15	9.711 426	19	0.288 574	9.948 996	4	772	
229	9.660 437	15	9.711 445	19	0.288 555	9.948 992	4	771	
.230	9.660 451	14	9.711 463	18	0.288 537	9.948 988	4	**.770**	
231	9.660 466	15	9.711 482	19	0.288 518	9.948 984	4	769	
232	9.660 481	15	9.711 501	19	0.288 499	9.948 980	4	768	
233	9.660 496	15	9.711 519	18	0.288 481	9.948 976	4	767	
234	9.660 510	14	9.711 538	19	0.288 462	9.948 973	3	766	
235	9.660 525	15	9.711 556	18	0.288 444	9.948 969	4	765	
236	9.660 540	15	9.711 575	19	0.288 425	9.948 965	4	764	
237	9.660 555	15	9.711 594	19	0.288 406	9.948 961	4	763	
238	9.660 569	14	9.711 612	18	0.288 388	9.948 957	4	762	
239	9.660 584	15	9.711 631	19	0.288 369	9.948 953	4	761	
.240	9.660 599	15	9.711 650	19	0.288 350	9.948 949	4	**.760**	
241	9.660 613	14	9.711 668	18	0.288 332	9.948 945	4	759	
242	9.660 628	15	9.711 687	19	0.288 313	9.948 941	4	758	
243	9.660 643	15	9.711 705	18	0.288 295	9.948 937	4	757	
244	9.660 658	15	9.711 724	19	0.288 276	9.948 934	3	756	
245	9.660 672	14	9.711 743	19	0.288 257	9.948 930	4	755	
246	9.660 687	15	9.711 761	18	0.288 239	9.948 926	4	754	
247	9.660 702	15	9.711 780	19	0.288 220	9.948 922	4	753	
248	9.660 716	14	9.711 799	19	0.288 201	9.948 918	4	752	
249	9.660 731	15	9.711 817	18	0.288 183	9.948 914	4	751	
.250	9.660 746	15	9.711 836	19	0.288 164	9.948 910	4	**.750**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

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9	12.6

62°.800 — 62°.750

27°.250 — 27°.300

27°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.660 746		9.711 836		0.288 164	9.948 910		**.750**	
		15		18			4		
251	9.660 761		9.711 854		0.288 146	9.948 906		749	
252	9.660 775	14	9.711 873	19	0.288 127	9.948 902	4	748	
253	9.660 790	15	9.711 892	19	0.288 108	9.948 898	4	747	
		15		18			4		
254	9.660 805		9.711 910		0.288 090	9.948 895	3	746	
255	9.660 819	14	9.711 929	19	0.288 071	9.948 891	4	745	
256	9.660 834	15	9.711 947	18	0.288 053	9.948 887	4	744	
		15		19			4		
257	9.660 849		9.711 966		0.288 034	9.948 883		743	
258	9.660 864	15	9.711 985	19	0.288 015	9.948 879	4	742	
259	9.660 878	14	9.712 003	18	0.287 997	9.948 875	4	741	
		15		19			4		
.260	9.660 893		9.712 022		0.287 978	9.948 871		**.740**	
		15		19			4		
261	9.660 908		9.712 041		0.287 959	9.948 867		739	
262	9.660 922	14	9.712 059	18	0.287 941	9.948 863	4	738	
263	9.660 937	15	9.712 078	19	0.287 922	9.948 859	4	737	
		15		18			4		
264	9.660 952		9.712 096		0.287 904	9.948 855		736	
265	9.660 967	15	9.712 115	19	0.287 885	9.948 852	3	735	
266	9.660 981	14	9.712 134	19	0.287 866	9.948 848	4	734	
		15		18			4		
267	9.660 996		9.712 152		0.287 848	9.948 844		733	
268	9.661 011	15	9.712 171	19	0.287 829	9.948 840	4	732	
269	9.661 025	14	9.712 189	18	0.287 811	9.948 836	4	731	
		15		19			4		
.270	9.661 040		9.712 208		0.287 792	9.948 832		**.730**	
		15		19			4		
271	9.661 055		9.712 227		0.287 773	9.948 828		729	
272	9.661 070	15	9.712 245	18	0.287 755	9.948 824	4	728	
273	9.661 084	14	9.712 264	19	0.287 736	9.948 820	4	727	
		15		19			4		
274	9.661 099		9.712 283		0.287 717	9.948 816		726	
275	9.661 114	15	9.712 301	18	0.287 699	9.948 812	4	725	
276	9.661 128	14	9.712 320	19	0.287 680	9.948 809	3	724	
		15		18			4		
277	9.661 143		9.712 338		0.287 662	9.948 805		723	
278	9.661 158	15	9.712 357	19	0.287 643	9.948 801	4	722	
279	9.661 172	14	9.712 376	19	0.287 624	9.948 797	4	721	
		15		18			4		
.280	9.661 187		9.712 394		0.287 606	9.948 793		**.720**	
		15		19			4		
281	9.661 202		9.712 413		0.287 587	9.948 789		719	
282	9.661 217	15	9.712 431	18	0.287 569	9.948 785	4	718	
283	9.661 231	14	9.712 450	19	0.287 550	9.948 781	4	717	
		15		19			4		
284	9.661 246		9.712 469		0.287 531	9.948 777		716	
285	9.661 261	15	9.712 487	18	0.287 513	9.948 773	4	715	
286	9.661 275	14	9.712 506	19	0.287 494	9.948 769	4	714	
		15		18			3		
287	9.661 290		9.712 524		0.287 476	9.948 766		713	
288	9.661 305	15	9.712 543	19	0.287 457	9.948 762	4	712	
289	9.661 319	14	9.712 562	19	0.287 438	9.948 758	4	711	
		15		18			4		
.290	9.661 334		9.712 580		0.287 420	9.948 754		**.710**	
		15		19			4		
291	9.661 349		9.712 599		0.287 401	9.948 750		709	
292	9.661 363	14	9.712 617	18	0.287 383	9.948 746	4	708	
293	9.661 378	15	9.712 636	19	0.287 364	9.948 742	4	707	
		15		19			4		
294	9.661 393		9.712 655		0.287 345	9.948 738		706	
295	9.661 408	15	9.712 673	18	0.287 327	9.948 734	4	705	
296	9.661 422	14	9.712 692	19	0.287 308	9.948 730	4	704	
		15		18			4		
297	9.661 437		9.712 710		0.287 290	9.948 726		703	
298	9.661 452	15	9.712 729	19	0.287 271	9.948 723	3	702	
299	9.661 466	14	9.712 748	19	0.287 252	9.948 719	4	701	
		15		18			4		
.300	9.661 481		9.712 766		0.287 234	9.948 715		**.700**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

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9	12.6

62°.750 — 62°.700

27°.300 — 27°.350

27°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.661 481		9.712 766		0.287 234	9.948 715		.700	
		15		19			4		
301	9.661 496		9.712 785		0.287 215	9.948 711		699	
302	9.661 510	14	9.712 803	18	0.287 197	9.948 707	4	698	
303	9.661 525	15	9.712 822	19	0.287 178	9.948 703	4	697	
		15		19			4		
304	9.661 540		9.712 841		0.287 159	9.948 699		696	
305	9.661 554	14	9.712 859	18	0.287 141	9.948 695	4	695	
306	9.661 569	15	9.712 878	19	0.287 122	9.948 691	4	694	
		15		18			4		
307	9.661 584		9.712 896		0.287 104	9.948 687		693	
308	9.661 598	14	9.712 915	19	0.287 085	9.948 683	4	692	
309	9.661 613	15	9.712 934	19	0.287 066	9.948 680	3	691	
		15		18			4		
.310	9.661 628		9.712 952		0.287 048	9.948 676		.690	
		14		19			4		
311	9.661 642		9.712 971		0.287 029	9.948 672		689	
312	9.661 657	15	9.712 989	18	0.287 011	9.948 668	4	688	
313	9.661 672	15	9.713 008	19	0.286 992	9.948 664	4	687	
		15		19			4		
314	9.661 687		9.713 027		0.286 973	9.948 660		686	
315	9.661 701	14	9.713 045	18	0.286 955	9.948 656	4	685	
316	9.661 716	15	9.713 064	19	0.286 936	9.948 652	4	684	
		15		18			4		
317	9.661 731		9.713 082		0.286 918	9.948 648		683	
318	9.661 745	14	9.713 101	19	0.286 899	9.948 644	4	682	
319	9.661 760	15	9.713 120	19	0.286 880	9.948 640	4	681	
		15		18			4		
.320	9.661 775		9.713 138		0.286 862	9.948 636		.680	
		14		19			3		
321	9.661 789		9.713 157		0.286 843	9.948 633		679	
322	9.661 804	15	9.713 175	18	0.286 825	9.948 629	4	678	
323	9.661 819	15	9.713 194	19	0.286 806	9.948 625	4	677	
		14		18			4		
324	9.661 833		9.713 212		0.286 788	9.948 621		676	
325	9.661 848	15	9.713 231	19	0.286 769	9.948 617	4	675	
326	9.661 863	15	9.713 250	19	0.286 750	9.948 613	4	674	
		14		18			4		
327	9.661 877		9.713 268		0.286 732	9.948 609		673	
328	9.661 892	15	9.713 287	19	0.286 713	9.948 605	4	672	
329	9.661 907	15	9.713 305	18	0.286 695	9.948 601	4	671	
		14		19			4		
.330	9.661 921		9.713 324		0.286 676	9.948 597		.670	
		15		19			4		
331	9.661 936		9.713 343		0.286 657	9.948 593		669	
332	9.661 951	15	9.713 361	18	0.286 639	9.948 589	4	668	
333	9.661 965	14	9.713 380	19	0.286 620	9.948 586	3	667	
		15		18			4		
334	9.661 980		9.713 398		0.286 602	9.948 582		666	
335	9.661 995	15	9.713 417	19	0.286 583	9.948 578	4	665	
336	9.662 009	14	9.713 435	18	0.286 565	9.948 574	4	664	
		15		19			4		
337	9.662 024		9.713 454		0.286 546	9.948 570		663	
338	9.662 039	15	9.713 473	19	0.286 527	9.948 566	4	662	
339	9.662 053	14	9.713 491	18	0.286 509	9.948 562	4	661	
		15		19			4		
.340	9.662 068		9.713 510		0.286 490	9.948 558		.660	
		15		18			4		
341	9.662 083		9.713 528		0.286 472	9.948 554		659	
342	9.662 097	14	9.713 547	19	0.286 453	9.948 550	4	658	
343	9.662 112	15	9.713 566	19	0.286 434	9.948 546	4	657	
		15		18			4		
344	9.662 127		9.713 584		0.286 416	9.948 542		656	
345	9.662 141	14	9.713 603	19	0.286 397	9.948 539	3	655	
346	9.662 156	15	9.713 621	18	0.286 379	9.948 535	4	654	
		15		19			4		
347	9.662 171		9.713 640		0.286 360	9.948 531		653	
348	9.662 185	14	9.713 658	18	0.286 342	9.948 527	4	652	
349	9.662 200	15	9.713 677	19	0.286 323	9.948 523	4	651	
		14		19			4		
.350	9.662 214		9.713 696		0.286 304	9.948 519		.650	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

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5	7.5
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7	10.5
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9	13.5

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62°.700 — 62°.650

27°.350 — 27°.400

27°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.662 214		9.713 696		0.286 304	9.948 519		.650	
		15		18			4		
351	9.662 229		9.713 714		0.286 286	9.948 515		649	
352	9.662 244	15	9.713 733	19	0.286 267	9.948 511	4	648	
353	9.662 258	14	9.713 751	18	0.286 249	9.948 507	4	647	
		15		19			4		
354	9.662 273		9.713 770		0.286 230	9.948 503		646	
355	9.662 288	15	9.713 788	18	0.286 212	9.948 499	4	645	
356	9.662 302	14	9.713 807	19	0.286 193	9.948 495	4	644	
		15		19			4		
357	9.662 317		9.713 826		0.286 174	9.948 491		643	
358	9.662 332	15	9.713 844	18	0.286 156	9.948 488	3	642	
359	9.662 346	14	9.713 863	19	0.286 137	9.948 484	4	641	
		15		18			4		
.360	9.662 361		9.713 881		0.286 119	9.948 480		.640	
		15		19			4		
361	9.662 376		9.713 900		0.286 100	9.948 476		639	
362	9.662 390	14	9.713 918	18	0.286 082	9.948 472	4	638	
363	9.662 405	15	9.713 937	19	0.286 063	9.948 468	4	637	
		15		19			4		
364	9.662 420		9.713 956		0.286 044	9.948 464		636	
365	9.662 434	14	9.713 974	18	0.286 026	9.948 460	4	635	
366	9.662 449	15	9.713 993	19	0.286 007	9.948 456	4	634	
		15		18			4		
367	9.662 464		9.714 011		0.285 989	9.948 452		633	
368	9.662 478	14	9.714 030	19	0.285 970	9.948 448	4	632	
369	9.662 493	15	9.714 048	18	0.285 952	9.948 444	4	631	
		14		19			4		
.370	9.662 507		9.714 067		0.285 933	9.948 440		.630	
		15		19			3		
371	9.662 522		9.714 086		0.285 914	9.948 437		629	
372	9.662 537	15	9.714 104	18	0.285 896	9.948 433	4	628	
373	9.662 551	14	9.714 123	19	0.285 877	9.948 429	4	627	
		15		18			4		
374	9.662 566		9.714 141		0.285 859	9.948 425		626	
375	9.662 581	15	9.714 160	19	0.285 840	9.948 421	4	625	
376	9.662 595	14	9.714 178	18	0.285 822	9.948 417	4	624	
		15		19			4		
377	9.662 610		9.714 197		0.285 803	9.948 413		623	
378	9.662 625	15	9.714 215	18	0.285 785	9.948 409	4	622	
379	9.662 639	14	9.714 234	19	0.285 766	9.948 405	4	621	
		15		19			4		
.380	9.662 654		9.714 253		0.285 747	9.948 401		.620	
		14		18			4		
381	9.662 668		9.714 271		0.285 729	9.948 397		619	
382	9.662 683	15	9.714 290	19	0.285 710	9.948 393	4	618	
383	9.662 698	15	9.714 308	18	0.285 692	9.948 389	4	617	
		14		19			3		
384	9.662 712		9.714 327		0.285 673	9.948 386		616	
385	9.662 727	15	9.714 345	18	0.285 655	9.948 382	4	615	
386	9.662 742	15	9.714 364	19	0.285 636	9.948 378	4	614	
		14		19			4		
387	9.662 756		9.714 383		0.285 617	9.948 374		613	
388	9.662 771	15	9.714 401	18	0.285 599	9.948 370	4	612	
389	9.662 786	15	9.714 420	19	0.285 580	9.948 366	4	611	
		14		18			4		
.390	9.662 800		9.714 438		0.285 562	9.948 362		.610	
		15		19			4		
391	9.662 815		9.714 457		0.285 543	9.948 358		609	
392	9.662 829	14	9.714 475	18	0.285 525	9.948 354	4	608	
393	9.662 844	15	9.714 494	19	0.285 506	9.948 350	4	607	
		15		18			4		
394	9.662 859		9.714 512		0.285 488	9.948 346		606	
395	9.662 873	14	9.714 531	19	0.285 469	9.948 342	4	605	
396	9.662 888	15	9.714 550	19	0.285 450	9.948 338	4	604	
		15		18			4		
397	9.662 903		9.714 568		0.285 432	9.948 334		603	
398	9.662 917	14	9.714 587	19	0.285 413	9.948 331	3	602	
399	9.662 932	15	9.714 605	18	0.285 395	9.948 327	4	601	
		14		19			4		
.400	9.662 946		9.714 624		0.285 376	9.948 323		.600	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

62°.650 — 62°.600

27°.400 — 27°.450

27°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.662 946		9.714 624		0.285 376	9.948 323		.600	
		15		18			4		
401	9.662 961		9.714 642		0.285 358	9.948 319		599	
402	9.662 976	15	9.714 661	19	0.285 339	9.948 315	4	598	
403	9.662 990	14	9.714 679	18	0.285 321	9.948 311	4	597	
		15		19			4		
404	9.663 005		9.714 698		0.285 302	9.948 307		596	
405	9.663 020	15	9.714 716	18	0.285 284	9.948 303	4	595	
406	9.663 034	14	9.714 735	19	0.285 265	9.948 299	4	594	
		15		19			4		
407	9.663 049		9.714 754		0.285 246	9.948 295		593	
408	9.663 063	14	9.714 772	18	0.285 228	9.948 291	4	592	
409	9.663 078	15	9.714 791	19	0.285 209	9.948 287	4	591	
		15		18			4		
.410	9.663 093		9.714 809		0.285 191	9.948 283		.590	
		14		19			4		
411	9.663 107		9.714 828		0.285 172	9.948 279		589	
412	9.663 122	15	9.714 846	18	0.285 154	9.948 276	3	588	
413	9.663 136	14	9.714 865	19	0.285 135	9.948 272	4	587	
		15		18			4		
414	9.663 151		9.714 883		0.285 117	9.948 268		586	
415	9.663 166	15	9.714 902	19	0.285 098	9.948 264	4	585	
416	9.663 180	14	9.714 921	19	0.285 079	9.948 260	4	584	
		15		18			4		
417	9.663 195		9.714 939		0.285 061	9.948 256		583	
418	9.663 210	15	9.714 958	19	0.285 042	9.948 252	4	582	
419	9.663 224	14	9.714 976	18	0.285 024	9.948 248	4	581	
		15		19			4		
.420	9.663 239		9.714 995		0.285 005	9.948 244		.580	
		14		18			4		
421	9.663 253		9.715 013		0.284 987	9.948 240		579	
422	9.663 268	15	9.715 032	19	0.284 968	9.948 236	4	578	
423	9.663 283	15	9.715 050	18	0.284 950	9.948 232	4	577	
		14		19			4		
424	9.663 297		9.715 069		0.284 931	9.948 228		576	
425	9.663 312	15	9.715 087	18	0.284 913	9.948 224	4	575	
426	9.663 326	14	9.715 106	19	0.284 894	9.948 220	4	574	
		15		18			3		
427	9.663 341		9.715 124		0.284 876	9.948 217		573	
428	9.663 356	15	9.715 143	19	0.284 857	9.948 213	4	572	
429	9.663 370	14	9.715 162	19	0.284 838	9.948 209	4	571	
		15		18			4		
.430	9.663 385		9.715 180		0.284 820	9.948 205		.570	
		14		19			4		
431	9.663 399		9.715 199		0.284 801	9.948 201		569	
432	9.663 414	15	9.715 217	18	0.284 783	9.948 197	4	568	
433	9.663 429	15	9.715 236	19	0.284 764	9.948 193	4	567	
		14		18			4		
434	9.663 443		9.715 254		0.284 746	9.948 189		566	
435	9.663 458	15	9.715 273	19	0.284 727	9.948 185	4	565	
436	9.663 472	14	9.715 291	18	0.284 709	9.948 181	4	564	
		15		19			4		
437	9.663 487		9.715 310		0.284 690	9.948 177		563	
438	9.663 502	15	9.715 328	18	0.284 672	9.948 173	4	562	
439	9.663 516	14	9.715 347	19	0.284 653	9.948 169	4	561	
		15		18			4		
.440	9.663 531		9.715 365		0.284 635	9.948 165		.560	
		14		19			4		
441	9.663 545		9.715 384		0.284 616	9.948 161		559	
442	9.663 560	15	9.715 403	19	0.284 597	9.948 157	4	558	
443	9.663 575	15	9.715 421	18	0.284 579	9.948 154	3	557	
		14		19			4		
444	9.663 589		9.715 440		0.284 560	9.948 150		556	
445	9.663 604	15	9.715 458	18	0.284 542	9.948 146	4	555	
446	9.663 618	14	9.715 477	19	0.284 523	9.948 142	4	554	
		15		18			4		
447	9.663 633		9.715 495		0.284 505	9.948 138		553	
448	9.663 648	15	9.715 514	19	0.284 486	9.948 134	4	552	
449	9.663 662	14	9.715 532	18	0.284 468	9.948 130	4	551	
		15		19			4		
.450	9.663 677		9.715 551		0.284 449	9.948 126		.550	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

62°.600 — 62°.550

27°.450 — 27°.500

27°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.663 677		9.715 551		0.284 449	9.948 126		.550	
		14		18			4		
451	9.663 691		9.715 569		0.284 431	9.948 122		549	
452	9.663 706	15	9.715 588	19	0.284 412	9.948 118	4	548	
453	9.663 721	15	9.715 606	18	0.284 394	9.948 114	4	547	
		14		19			4		19
454	9.663 735		9.715 625		0.284 375	9.948 110		546	1 1.9
455	9.663 750	15	9.715 643	18	0.284 357	9.948 106	4	545	2 3.8
456	9.663 764	14	9.715 662	19	0.284 338	9.948 102	4	544	3 5.7
		15		18			4		4 7.6
457	9.663 779		9.715 680		0.284 320	9.948 098		543	5 9.5
458	9.663 793	14	9.715 699	19	0.284 301	9.948 095	3	542	6 11.4
459	9.663 808	15	9.715 718	19	0.284 282	9.948 091	4	541	7 13.3
		15		18			4		8 15.2
.460	9.663 823		9.715 736		0.284 264	9.948 087		.540	9 17.1
		14		19			4		
461	9.663 837		9.715 755		0.284 245	9.948 083		539	
462	9.663 852	15	9.715 773	18	0.284 227	9.948 079	4	538	
463	9.663 866	14	9.715 792	19	0.284 208	9.948 075	4	537	
		15		18			4		
464	9.663 881		9.715 810		0.284 190	9.948 071		536	
465	9.663 896	15	9.715 829	19	0.284 171	9.948 067	4	535	
466	9.663 910	14	9.715 847	18	0.284 153	9.948 063	4	534	18
		15		19			4		
467	9.663 925		9.715 866		0.284 134	9.948 059		533	1 1.8
468	9.663 939	14	9.715 884	18	0.284 116	9.948 055	4	532	2 3.6
469	9.663 954	15	9.715 903	19	0.284 097	9.948 051	4	531	3 5.4
		14		18			4		4 7.2
.470	9.663 968		9.715 921		0.284 079	9.948 047		.530	5 9.0
		15		19			4		6 10.8
471	9.663 983		9.715 940		0.284 060	9.948 043		529	7 12.6
472	9.663 998	15	9.715 958	18	0.284 042	9.948 039	4	528	8 14.4
473	9.664 012	14	9.715 977	19	0.284 023	9.948 035	4	527	9 16.2
		15		18			4		
474	9.664 027		9.715 995		0.284 005	9.948 031		526	
475	9.664 041	14	9.716 014	19	0.283 986	9.948 028	3	525	
476	9.664 056	15	9.716 032	18	0.283 968	9.948 024	4	524	
		15		19			4		
477	9.664 071		9.716 051		0.283 949	9.948 020		523	15
478	9.664 085	14	9.716 069	18	0.283 931	9.948 016	4	522	
479	9.664 100	15	9.716 088	19	0.283 912	9.948 012	4	521	1 1.5
		14		18			4		2 3.0
.480	9.664 114		9.716 106		0.283 894	9.948 008		.520	3 4.5
		15		19			4		4 6.0
481	9.664 129		9.716 125		0.283 875	9.948 004		519	5 7.5
482	9.664 143	14	9.716 143	18	0.283 857	9.948 000	4	518	6 9.0
483	9.664 158	15	9.716 162	19	0.283 838	9.947 996	4	517	7 10.5
		15		19			4		8 12.0
484	9.664 173		9.716 181		0.283 819	9.947 992		516	9 13.5
485	9.664 187	14	9.716 199	18	0.283 801	9.947 988	4	515	
486	9.664 202	15	9.716 218	19	0.283 782	9.947 984	4	514	
		14		18			4		
487	9.664 216		9.716 236		0.283 764	9.947 980		513	
488	9.664 231	15	9.716 255	19	0.283 745	9.947 976	4	512	
489	9.664 245	14	9.716 273	18	0.283 727	9.947 972	4	511	14
		15		19			4		
.490	9.664 260		9.716 292		0.283 708	9.947 968		.510	1 1.4
		15		18			4		2 2.8
491	9.664 275		9.716 310		0.283 690	9.947 964		509	3 4.2
492	9.664 289	14	9.716 329	19	0.283 671	9.947 960	4	508	4 5.6
493	9.664 304	15	9.716 347	18	0.283 653	9.947 957	3	507	5 7.0
		14		19			4		6 8.4
494	9.664 318		9.716 366		0.283 634	9.947 953		506	7 9.8
495	9.664 333	15	9.716 384	18	0.283 616	9.947 949	4	505	8 11.2
496	9.664 347	14	9.716 403	19	0.283 597	9.947 945	4	504	9 12.6
		15		18			4		
497	9.664 362		9.716 421		0.283 579	9.947 941		503	
498	9.664 376	14	9.716 440	19	0.283 560	9.947 937	4	502	
499	9.664 391	15	9.716 458	18	0.283 542	9.947 933	4	501	
		15		19			4		
.500	9.664 406		9.716 477		0.283 523	9.947 929		.500	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.550 — 62°.500

27°.500 — 27°.550

27°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.664 406		9.716 477		0.283 523	9.947 929		.500	
		14		18			4		
501	9.664 420		9.716 495		0.283 505	9.947 925		499	
502	9.664 435	15	9.716 514	19	0.283 486	9.947 921	4	498	
503	9.664 449	14	9.716 532	18	0.283 468	9.947 917	4	497	
		15		19			4		19
504	9.664 464		9.716 551		0.283 449	9.947 913		496	1 1.9
505	9.664 478	14	9.716 569	18	0.283 431	9.947 909	4	495	2 3.8
506	9.664 493	15	9.716 588	19	0.283 412	9.947 905	4	494	3 5.7
		15		18			4		4 7.6
507	9.664 508		9.716 606		0.283 394	9.947 901		493	5 9.5
508	9.664 522	14	9.716 625	19	0.283 375	9.947 897	4	492	6 11.4
509	9.664 537	15	9.716 643	18	0.283 357	9.947 893	4	491	7 13.3
		14		19			4		8 15.2
.510	9.664 551		9.716 662		0.283 338	9.947 889		.490	9 17.1
		15		18			3		
511	9.664 566		9.716 680		0.283 320	9.947 886		489	
512	9.664 580	14	9.716 699	19	0.283 301	9.947 882	4	488	
513	9.664 595	15	9.716 717	18	0.283 283	9.947 878	4	487	
		14		19			4		
514	9.664 609		9.716 736		0.283 264	9.947 874		486	
515	9.664 624	15	9.716 754	18	0.283 246	9.947 870	4	485	18
516	9.664 638	14	9.716 773	19	0.283 227	9.947 866	4	484	
		15		18			4		1 1.8
517	9.664 653		9.716 791		0.283 209	9.947 862		483	2 3.6
518	9.664 668	15	9.716 810	19	0.283 190	9.947 858	4	482	3 5.4
519	9.664 682	14	9.716 828	18	0.283 172	9.947 854	4	481	4 7.2
		15		19			4		5 9.0
.520	9.664 697		9.716 847		0.283 153	9.947 850		.480	6 10.8
		14		18			4		7 12.6
521	9.664 711		9.716 865		0.283 135	9.947 846		479	8 14.4
522	9.664 726	15	9.716 884	19	0.283 116	9.947 842	4	478	9 16.2
523	9.664 740	14	9.716 902	18	0.283 098	9.947 838	4	477	
		15		19			4		
524	9.664 755		9.716 921		0.283 079	9.947 834		476	
525	9.664 769	14	9.716 939	18	0.283 061	9.947 830	4	475	
526	9.664 784	15	9.716 958	19	0.283 042	9.947 826	4	474	
		15		18			4		
527	9.664 799		9.716 976		0.283 024	9.947 822		473	15
528	9.664 813	14	9.716 995	19	0.283 005	9.947 818	4	472	
529	9.664 828	15	9.717 013	18	0.282 987	9.947 814	4	471	1 1.5
		14		19			4		2 3.0
.530	9.664 842		9.717 032		0.282 968	9.947 810		.470	3 4.5
		15		18			3		4 6.0
531	9.664 857		9.717 050		0.282 950	9.947 807		469	5 7.5
532	9.664 871	14	9.717 069	19	0.282 931	9.947 803	4	468	6 9.0
533	9.664 886	15	9.717 087	18	0.282 913	9.947 799	4	467	7 10.5
		14		19			4		8 12.0
534	9.664 900		9.717 106		0.282 894	9.947 795		466	9 13.5
535	9.664 915	15	9.717 124	18	0.282 876	9.947 791	4	465	
536	9.664 929	14	9.717 143	19	0.282 857	9.947 787	4	464	
		15		18			4		
537	9.664 944		9.717 161		0.282 839	9.947 783		463	
538	9.664 958	14	9.717 180	19	0.282 820	9.947 779	4	462	
539	9.664 973	15	9.717 198	18	0.282 802	9.947 775	4	461	14
		15		19			4		
.540	9.664 988		9.717 217		0.282 783	9.947 771		.460	1 1.4
		14		18			4		2 2.8
541	9.665 002		9.717 235		0.282 765	9.947 767		459	3 4.2
542	9.665 017	15	9.717 254	19	0.282 746	9.947 763	4	458	4 5.6
543	9.665 031	14	9.717 272	18	0.282 728	9.947 759	4	457	5 7.0
		15		19			4		6 8.4
544	9.665 046		9.717 291		0.282 709	9.947 755		456	7 9.8
545	9.665 060	14	9.717 309	18	0.282 691	9.947 751	4	455	8 11.2
546	9.665 075	15	9.717 328	19	0.282 672	9.947 747	4	454	9 12.6
		14		18			4		
547	9.665 089		9.717 346		0.282 654	9.947 743		453	
548	9.665 104	15	9.717 364	18	0.282 636	9.947 739	4	452	
549	9.665 118	14	9.717 383	19	0.282 617	9.947 735	4	451	
		15		18			4		
.550	9.665 133		9.717 401		0.282 599	9.947 731		.450	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.500 — 62°.450

27°.550 — 27°.600

27°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.665 133		9.717 401		0.282 599	9.947 731		.450	
		14		19			4		
551	9.665 147		9.717 420		0.282 580	9.947 727		449	
552	9.665 162	15	9.717 438	18	0.282 562	9.947 724	3	448	
553	9.665 176	14	9.717 457	19	0.282 543	9.947 720	4	447	
		15		18			4		19
554	9.665 191		9.717 475		0.282 525	9.947 716		446	1 1.9
555	9.665 206	15	9.717 494	19	0.282 506	9.947 712	4	445	2 3.8
556	9.665 220	14	9.717 512	18	0.282 488	9.947 708	4	444	3 5.7
		15		19			4		4 7.6
557	9.665 235		9.717 531		0.282 469	9.947 704		443	5 9.5
558	9.665 249	14	9.717 549	18	0.282 451	9.947 700	4	442	6 11.4
559	9.665 264	15	9.717 568	19	0.282 432	9.947 696	4	441	7 13.3
		14		18			4		8 15.2
.560	9.665 278		9.717 586		0.282 414	9.947 692		.440	9 17.1
		15		19			4		
561	9.665 293		9.717 605		0.282 395	9.947 688		439	
562	9.665 307	14	9.717 623	18	0.282 377	9.947 684	4	438	
563	9.665 322	15	9.717 642	19	0.282 358	9.947 680	4	437	
		14		18			4		
564	9.665 336		9.717 660		0.282 340	9.947 676		436	
565	9.665 351	15	9.717 679	19	0.282 321	9.947 672	4	435	18
566	9.665 365	14	9.717 697	18	0.282 303	9.947 668	4	434	
		15		19			4		1 1.8
567	9.665 380		9.717 716		0.282 284	9.947 664		433	2 3.6
568	9.665 394	14	9.717 734	18	0.282 266	9.947 660	4	432	3 5.4
569	9.665 409	15	9.717 753	19	0.282 247	9.947 656	4	431	4 7.2
		14		18			4		5 9.0
.570	9.665 423		9.717 771		0.282 229	9.947 652		.430	6 10.8
		15		19			4		7 12.6
571	9.665 438		9.717 790		0.282 210	9.947 648		429	8 14.4
572	9.665 452	14	9.717 808	18	0.282 192	9.947 644	4	428	9 16.2
573	9.665 467	15	9.717 826	18	0.282 174	9.947 640	4	427	
		14		19			4		
574	9.665 481		9.717 845		0.282 155	9.947 636		426	
575	9.665 496	15	9.717 863	18	0.282 137	9.947 633	3	425	
576	9.665 510	14	9.717 882	19	0.282 118	9.947 629	4	424	
		15		18			4		
577	9.665 525		9.717 900		0.282 100	9.947 625		423	15
578	9.665 539	14	9.717 919	19	0.282 081	9.947 621	4	422	
579	9.665 554	15	9.717 937	18	0.282 063	9.947 617	4	421	1 1.5
		14		19			4		2 3.0
.580	9.665 568		9.717 956		0.282 044	9.947 613		.420	3 4.5
		15		18			4		4 6.0
581	9.665 583		9.717 974		0.282 026	9.947 609		419	5 7.5
582	9.665 598	15	9.717 993	19	0.282 007	9.947 605	4	418	6 9.0
583	9.665 612	14	9.718 011	18	0.281 989	9.947 601	4	417	7 10.5
		15		19			4		8 12.0
584	9.665 627		9.718 030		0.281 970	9.947 597		416	9 13.5
585	9.665 641	14	9.718 048	18	0.281 952	9.947 593	4	415	
586	9.665 656	15	9.718 067	19	0.281 933	9.947 589	4	414	
		14		18			4		
587	9.665 670		9.718 085		0.281 915	9.947 585		413	
588	9.665 685	15	9.718 104	19	0.281 896	9.947 581	4	412	
589	9.665 699	14	9.718 122	18	0.281 878	9.947 577	4	411	14
		15		18			4		
.590	9.665 714		9.718 140		0.281 860	9.947 573		.410	1 1.4
		14		19			4		2 2.8
591	9.665 728		9.718 159		0.281 841	9.947 569		409	3 4.2
592	9.665 743	15	9.718 177	18	0.281 823	9.947 565	4	408	4 5.6
593	9.665 757	14	9.718 196	19	0.281 804	9.947 561	4	407	5 7.0
		15		18			4		6 8.4
594	9.665 772		9.718 214		0.281 786	9.947 557		406	7 9.8
595	9.665 786	14	9.718 233	19	0.281 767	9.947 553	4	405	8 11.2
596	9.665 801	15	9.718 251	18	0.281 749	9.947 549	4	404	9 12.6
		14		19			4		
597	9.665 815		9.718 270		0.281 730	9.947 545		403	
598	9.665 830	15	9.718 288	18	0.281 712	9.947 541	4	402	
599	9.665 844	14	9.718 307	19	0.281 693	9.947 537	4	401	
		15		18			4		
.600	9.665 859		9.718 325		0.281 675	9.947 533		.400	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.450 — 62°.400

27°.600 — 27°.650

27°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.665 859		9.718 325		0.281 675	9.947 533		**.400**	
		14		19			3		
601	9.665 873		9.718 344		0.281 656	9.947 530		399	
602	9.665 888	15	9.718 362	18	0.281 638	9.947 526	4	398	
603	9.665 902	14	9.718 380	18	0.281 620	9.947 522	4	397	
		15		19			4		19
604	9.665 917		9.718 399		0.281 601	9.947 518		396	1 1.9
605	9.665 931	14	9.718 417	18	0.281 583	9.947 514	4	395	2 3.8
606	9.665 946	15	9.718 436	19	0.281 564	9.947 510	4	394	3 5.7
		14		18			4		4 7.6
607	9.665 960		9.718 454		0.281 546	9.947 506		393	5 9.5
608	9.665 975	15	9.718 473	19	0.281 527	9.947 502	4	392	6 11.4
609	9.665 989	14	9.718 491	18	0.281 509	9.947 498	4	391	7 13.3
		15		19			4		8 15.2
.610	9.666 004		9.718 510		0.281 490	9.947 494		**.390**	9 17.1
		14		18			4		
611	9.666 018		9.718 528		0.281 472	9.947 490		389	
612	9.666 033	15	9.718 547	19	0.281 453	9.947 486	4	388	
613	9.666 047	14	9.718 565	18	0.281 435	9.947 482	4	387	
		15		19			4		
614	9.666 062		9.718 584		0.281 416	9.947 478		386	
615	9.666 076	14	9.718 602	18	0.281 398	9.947 474	4	385	18
616	9.666 090	14	9.718 620	18	0.281 380	9.947 470	4	384	
		15		19			4		1 1.8
617	9.666 105		9.718 639		0.281 361	9.947 466		383	2 3.6
618	9.666 119	14	9.718 657	18	0.281 343	9.947 462	4	382	3 5.4
619	9.666 134	15	9.718 676	19	0.281 324	9.947 458	4	381	4 7.2
		14		18			4		5 9.0
.620	9.666 148		9.718 694		0.281 306	9.947 454		**.380**	6 10.8
		15		19			4		7 12.6
621	9.666 163		9.718 713		0.281 287	9.947 450		379	8 14.4
622	9.666 177	14	9.718 731	18	0.281 269	9.947 446	4	378	9 16.2
623	9.666 192	15	9.718 750	19	0.281 250	9.947 442	4	377	
		14		18			4		
624	9.666 206		9.718 768		0.281 232	9.947 438		376	
625	9.666 221	15	9.718 786	18	0.281 214	9.947 434	4	375	
626	9.666 235	14	9.718 805	19	0.281 195	9.947 430	4	374	
		15		18			4		
627	9.666 250		9.718 823		0.281 177	9.947 426		373	15
628	9.666 264	14	9.718 842	19	0.281 158	9.947 422	4	372	
629	9.666 279	15	9.718 860	18	0.281 140	9.947 419	3	371	1 1.5
		14		19			4		2 3.0
.630	9.666 293		9.718 879		0.281 121	9.947 415		**.370**	3 4.5
		15		18			4		4 6.0
631	9.666 308		9.718 897		0.281 103	9.947 411		369	5 7.5
632	9.666 322	14	9.718 916	19	0.281 084	9.947 407	4	368	6 9.0
633	9.666 337	15	9.718 934	18	0.281 066	9.947 403	4	367	7 10.5
		14		19			4		8 12.0
634	9.666 351		9.718 953		0.281 047	9.947 399		366	9 13.5
635	9.666 366	15	9.718 971	18	0.281 029	9.947 395	4	365	
636	9.666 380	14	9.718 989	18	0.281 011	9.947 391	4	364	
		15		19			4		
637	9.666 395		9.719 008		0.280 992	9.947 387		363	
638	9.666 409	14	9.719 026	18	0.280 974	9.947 383	4	362	
639	9.666 424	15	9.719 045	19	0.280 955	9.947 379	4	361	14
		14		18			4		
.640	9.666 438		9.719 063		0.280 937	9.947 375		**.360**	1 1.4
		15		19			4		2 2.8
641	9.666 453		9.719 082		0.280 918	9.947 371		359	3 4.2
642	9.666 467	14	9.719 100	18	0.280 900	9.947 367	4	358	4 5.6
643	9.666 481	14	9.719 119	19	0.280 881	9.947 363	4	357	5 7.0
		15		18			4		6 8.4
644	9.666 496		9.719 137		0.280 863	9.947 359		356	7 9.8
645	9.666 510	14	9.719 155	18	0.280 845	9.947 355	4	355	8 11.2
646	9.666 525	15	9.719 174	19	0.280 826	9.947 351	4	354	9 12.6
		14		18			4		
647	9.666 539		9.719 192		0.280 808	9.947 347		353	
648	9.666 554	15	9.719 211	19	0.280 789	9.947 343	4	352	
649	9.666 568	14	9.719 229	18	0.280 771	9.947 339	4	351	
		15		19			4		
.650	9.666 583		9.719 248		0.280 752	9.947 335		**.350**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

62°.400 — 62°.350

27°.650 — 27°.700

27°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.666 583		9.719 248		0.280 752	9.947 335		**.350**	
		14		18			4		
651	9.666 597		9.719 266		0.280 734	9.947 331		349	
652	9.666 612	15	9.719 284	18	0.280 716	9.947 327	4	348	
653	9.666 626	14	9.719 303	19	0.280 697	9.947 323	4	347	
		15		18			4		
654	9.666 641		9.719 321		0.280 679	9.947 319		346	
655	9.666 655	14	9.719 340	19	0.280 660	9.947 315	4	345	
656	9.666 670	15	9.719 358	18	0.280 642	9.947 311	4	344	
		14		19			4		
657	9.666 684		9.719 377		0.280 623	9.947 307		343	
658	9.666 698	14	9.719 395	18	0.280 605	9.947 303	4	342	
659	9.666 713	15	9.719 414	19	0.280 586	9.947 299	4	341	
		14		18			4		
.660	9.666 727		9.719 432		0.280 568	9.947 295		**.340**	
		15		18			4		
661	9.666 742		9.719 450		0.280 550	9.947 291		339	
662	9.666 756	14	9.719 469	19	0.280 531	9.947 287	4	338	
663	9.666 771	15	9.719 487	18	0.280 513	9.947 284	3	337	
		14		19			4		
664	9.666 785		9.719 506		0.280 494	9.947 280		336	
665	9.666 800	15	9.719 524	18	0.280 476	9.947 276	4	335	
666	9.666 814	14	9.719 543	19	0.280 457	9.947 272	4	334	
		15		18			4		
667	9.666 829		9.719 561		0.280 439	9.947 268		333	
668	9.666 843	14	9.719 579	18	0.280 421	9.947 264	4	332	
669	9.666 858	15	9.719 598	19	0.280 402	9.947 260	4	331	
		14		18			4		
.670	9.666 872		9.719 616		0.280 384	9.947 256		**.330**	
		14		19			4		
671	9.666 886		9.719 635		0.280 365	9.947 252		329	
672	9.666 901	15	9.719 653	18	0.280 347	9.947 248	4	328	
673	9.666 915	14	9.719 672	19	0.280 328	9.947 244	4	327	
		15		18			4		
674	9.666 930		9.719 690		0.280 310	9.947 240		326	
675	9.666 944	14	9.719 708	18	0.280 292	9.947 236	4	325	
676	9.666 959	15	9.719 727	19	0.280 273	9.947 232	4	324	
		14		18			4		
677	9.666 973		9.719 745		0.280 255	9.947 228		323	
678	9.666 988	15	9.719 764	19	0.280 236	9.947 224	4	322	
679	9.667 002	14	9.719 782	18	0.280 218	9.947 220	4	321	
		15		19			4		
.680	9.667 017		9.719 801		0.280 199	9.947 216		**.320**	
		14		18			4		
681	9.667 031		9.719 819		0.280 181	9.947 212		319	
682	9.667 045	14	9.719 837	18	0.280 163	9.947 208	4	318	
683	9.667 060	15	9.719 856	19	0.280 144	9.947 204	4	317	
		14		18			4		
684	9.667 074		9.719 874		0.280 126	9.947 200		316	
685	9.667 089	15	9.719 893	19	0.280 107	9.947 196	4	315	
686	9.667 103	14	9.719 911	18	0.280 089	9.947 192	4	314	
		15		19			4		
687	9.667 118		9.719 930		0.280 070	9.947 188		313	
688	9.667 132	14	9.719 948	18	0.280 052	9.947 184	4	312	
689	9.667 147	15	9.719 966	18	0.280 034	9.947 180	4	311	
		14		19			4		
.690	9.667 161		9.719 985		0.280 015	9.947 176		**.310**	
		14		18			4		
691	9.667 175		9.720 003		0.279 997	9.947 172		309	
692	9.667 190	15	9.720 022	19	0.279 978	9.947 168	4	308	
693	9.667 204	14	9.720 040	18	0.279 960	9.947 164	4	307	
		15		19			4		
694	9.667 219		9.720 059		0.279 941	9.947 160		306	
695	9.667 233	14	9.720 077	18	0.279 923	9.947 156	4	305	
696	9.667 248	15	9.720 095	18	0.279 905	9.947 152	4	304	
		14		19			4		
697	9.667 262		9.720 114		0.279 886	9.947 148		303	
698	9.667 277	15	9.720 132	18	0.279 868	9.947 144	4	302	
699	9.667 291	14	9.720 151	19	0.279 849	9.947 140	4	301	
		14		18			4		
.700	9.667 305		9.720 169		0.279 831	9.947 136		**.300**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

62°.350 — 62°.300

27°.700 — 27°.750

27°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.667 305		9.720 169		0.279 831	9.947 136		**.300**	
		15		18			4		
701	9.667 320		9.720 187		0.279 813	9.947 132		299	
702	9.667 334	14	9.720 206	19	0.279 794	9.947 128	4	298	
703	9.667 349	15	9.720 224	18	0.279 776	9.947 124	4	297	
		14		19			4		19
704	9.667 363		9.720 243		0.279 757	9.947 120		296	1 1.9
705	9.667 378	15	9.720 261	18	0.279 739	9.947 116	4	295	2 3.8
706	9.667 392	14	9.720 280	19	0.279 720	9.947 113	3	294	3 5.7
		14		18			4		4 7.6
707	9.667 406		9.720 298		0.279 702	9.947 109		293	5 9.5
708	9.667 421	15	9.720 316	18	0.279 684	9.947 105	4	292	6 11.4
709	9.667 435	14	9.720 335	19	0.279 665	9.947 101	4	291	7 13.3
		15		18			4		8 15.2
.710	9.667 450		9.720 353		0.279 647	9.947 097		**.290**	9 17.1
		14		19			4		
711	9.667 464		9.720 372		0.279 628	9.947 093		289	
712	9.667 479	15	9.720 390	18	0.279 610	9.947 089	4	288	
713	9.667 493	14	9.720 408	18	0.279 592	9.947 085	4	287	
		14		19			4		
714	9.667 507		9.720 427		0.279 573	9.947 081		286	
715	9.667 522	15	9.720 445	18	0.279 555	9.947 077	4	285	18
716	9.667 536	14	9.720 464	19	0.279 536	9.947 073	4	284	
		15		18			4		1 1.8
717	9.667 551		9.720 482		0.279 518	9.947 069		283	2 3.6
718	9.667 565	14	9.720 500	18	0.279 500	9.947 065	4	282	3 5.4
719	9.667 580	15	9.720 519	19	0.279 481	9.947 061	4	281	4 7.2
		14		18			4		5 9.0
.720	9.667 594		9.720 537		0.279 463	9.947 057		**.280**	6 10.8
		14		19			4		7 12.6
721	9.667 608		9.720 556		0.279 444	9.947 053		279	8 14.4
722	9.667 623	15	9.720 574	18	0.279 426	9.947 049	4	278	9 16.2
723	9.667 637	14	9.720 592	18	0.279 408	9.947 045	4	277	
		15		19			4		
724	9.667 652		9.720 611		0.279 389	9.947 041		276	
725	9.667 666	14	9.720 629	18	0.279 371	9.947 037	4	275	
726	9.667 681	15	9.720 648	19	0.279 352	9.947 033	4	274	
		14		18			4		
727	9.667 695		9.720 666		0.279 334	9.947 029		273	15
728	9.667 709	14	9.720 685	19	0.279 315	9.947 025	4	272	
729	9.667 724	15	9.720 703	18	0.279 297	9.947 021	4	271	1 1.5
		14		18			4		2 3.0
.730	9.667 738		9.720 721		0.279 279	9.947 017		**.270**	3 4.5
		15		19			4		4 6.0
731	9.667 753		9.720 740		0.279 260	9.947 013		269	5 7.5
732	9.667 767	14	9.720 758	18	0.279 242	9.947 009	4	268	6 9.0
733	9.667 782	15	9.720 777	19	0.279 223	9.947 005	4	267	7 10.5
		14		18			4		8 12.0
734	9.667 796		9.720 795		0.279 205	9.947 001		266	9 13.5
735	9.667 810	14	9.720 813	18	0.279 187	9.946 997	4	265	
736	9.667 825	15	9.720 832	19	0.279 168	9.946 993	4	264	
		14		18			4		
737	9.667 839		9.720 850		0.279 150	9.946 989		263	
738	9.667 854	15	9.720 869	19	0.279 131	9.946 985	4	262	
739	9.667 868	14	9.720 887	18	0.279 113	9.946 981	4	261	14
		14		18			4		
.740	9.667 882		9.720 905		0.279 095	9.946 977		**.260**	1 1.4
		15		19			4		2 2.8
741	9.667 897		9.720 924		0.279 076	9.946 973		259	3 4.2
742	9.667 911	14	9.720 942	18	0.279 058	9.946 969	4	258	4 5.6
743	9.667 926	15	9.720 961	19	0.279 039	9.946 965	4	257	5 7.0
		14		18			4		6 8.4
744	9.667 940		9.720 979		0.279 021	9.946 961		256	7 9.8
745	9.667 954	14	9.720 997	18	0.279 003	9.946 957	4	255	8 11.2
746	9.667 969	15	9.721 016	19	0.278 984	9.946 953	4	254	9 12.6
		14		18			4		
747	9.667 983		9.721 034		0.278 966	9.946 949		253	
748	9.667 998	15	9.721 053	19	0.278 947	9.946 945	4	252	
749	9.668 012	14	9.721 071	18	0.278 929	9.946 941	4	251	
		15		18			4		
.750	9.668 027		9.721 089		0.278 911	9.946 937		**.250**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

62°.300 — 62°.250

27°.750 — 27°.800

27°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.668 027		9.721 089		0.278 911	9.946 937		.250	
751	9.668 041	14	9.721 108	19	0.278 892	9.946 933	4	249	
752	9.668 055	14	9.721 126	18	0.278 874	9.946 929	4	248	
753	9.668 070	15	9.721 144	18	0.278 856	9.946 925	4	247	
754	9.668 084	14	9.721 163	19	0.278 837	9.946 921	4	246	19
755	9.668 099	15	9.721 181	18	0.278 819	9.946 917	4	245	1 1.9
756	9.668 113	14	9.721 200	19	0.278 800	9.946 913	4	244	2 3.8
757	9.668 127	14	9.721 218	18	0.278 782	9.946 909	4	243	3 5.7
758	9.668 142	15	9.721 236	18	0.278 764	9.946 905	4	242	4 7.6
759	9.668 156	14	9.721 255	19	0.278 745	9.946 901	4	241	5 9.5
.760	9.668 171	15	9.721 273	18	0.278 727	9.946 897	4	.240	6 11.4
761	9.668 185	14	9.721 292	19	0.278 708	9.946 893	4	239	7 13.3
762	9.668 199	14	9.721 310	18	0.278 690	9.946 889	4	238	8 15.2
763	9.668 214	15	9.721 328	18	0.278 672	9.946 885	4	237	9 17.1
764	9.668 228	14	9.721 347	19	0.278 653	9.946 881	4	236	
765	9.668 243	15	9.721 365	18	0.278 635	9.946 877	4	235	
766	9.668 257	14	9.721 384	19	0.278 616	9.946 873	4	234	18
767	9.668 271	14	9.721 402	18	0.278 598	9.946 869	4	233	1 1.8
768	9.668 286	15	9.721 420	18	0.278 580	9.946 865	4	232	2 3.6
769	9.668 300	14	9.721 439	19	0.278 561	9.946 861	4	231	3 5.4
.770	9.668 315	15	9.721 457	18	0.278 543	9.946 857	4	.230	4 7.2
771	9.668 329	14	9.721 476	19	0.278 524	9.946 853	4	229	5 9.0
772	9.668 343	14	9.721 494	18	0.278 506	9.946 849	4	228	6 10.8
773	9.668 358	15	9.721 512	18	0.278 488	9.946 845	4	227	7 12.6
774	9.668 372	14	9.721 531	19	0.278 469	9.946 841	4	226	8 14.4
775	9.668 386	14	9.721 549	18	0.278 451	9.946 837	4	225	9 16.2
776	9.668 401	15	9.721 567	18	0.278 433	9.946 833	4	224	
777	9.668 415	14	9.721 586	19	0.278 414	9.946 829	4	223	
778	9.668 430	15	9.721 604	18	0.278 396	9.946 825	4	222	15
779	9.668 444	14	9.721 623	19	0.278 377	9.946 821	4	221	1 1.5
.780	9.668 458	14	9.721 641	18	0.278 359	9.946 817	4	.220	2 3.0
781	9.668 473	15	9.721 659	18	0.278 341	9.946 813	4	219	3 4.5
782	9.668 487	14	9.721 678	19	0.278 322	9.946 810	3	218	4 6.0
783	9.668 502	15	9.721 696	18	0.278 304	9.946 806	4	217	5 7.5
784	9.668 516	14	9.721 714	18	0.278 286	9.946 802	4	216	6 9.0
785	9.668 530	14	9.721 733	19	0.278 267	9.946 798	4	215	7 10.5
786	9.668 545	15	9.721 751	18	0.278 249	9.946 794	4	214	8 12.0
787	9.668 559	14	9.721 770	19	0.278 230	9.946 790	4	213	9 13.5
788	9.668 574	15	9.721 788	18	0.278 212	9.946 786	4	212	
789	9.668 588	14	9.721 806	18	0.278 194	9.946 782	4	211	
.790	9.668 602	14	9.721 825	19	0.278 175	9.946 778	4	.210	14
791	9.668 617	15	9.721 843	18	0.278 157	9.946 774	4	209	1 1.4
792	9.668 631	14	9.721 862	19	0.278 138	9.946 770	4	208	2 2.8
793	9.668 645	14	9.721 880	18	0.278 120	9.946 766	4	207	3 4.2
794	9.668 660	15	9.721 898	18	0.278 102	9.946 762	4	206	4 5.6
795	9.668 674	14	9.721 917	19	0.278 083	9.946 758	4	205	5 7.0
796	9.668 689	15	9.721 935	18	0.278 065	9.946 754	4	204	6 8.4
797	9.668 703	14	9.721 953	18	0.278 047	9.946 750	4	203	7 9.8
798	9.668 717	14	9.721 972	19	0.278 028	9.946 746	4	202	8 11.2
799	9.668 732	15	9.721 990	18	0.278 010	9.946 742	4	201	9 12.6
.800	9.668 746	14	9.722 009	19	0.277 991	9.946 738	4	.200	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.250 — 62°.200

27°.800 — 27°.850

27°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.668 746		9.722 009		0.277 991	9.946 738		**.200**	
		14		18			4		
801	9.668 760		9.722 027		0.277 973	9.946 734		199	
802	9.668 775	15	9.722 045	18	0.277 955	9.946 730	4	198	
803	9.668 789	14	9.722 064	19	0.277 936	9.946 726	4	197	
		15		18			4		
804	9.668 804		9.722 082		0.277 918	9.946 722		196	
805	9.668 818	14	9.722 100	18	0.277 900	9.946 718	4	195	
806	9.668 832	14	9.722 119	19	0.277 881	9.946 714	4	194	
		15		18			4		
807	9.668 847		9.722 137		0.277 863	9.946 710		193	
808	9.668 861	14	9.722 155	18	0.277 845	9.946 706	4	192	
809	9.668 875	14	9.722 174	19	0.277 826	9.946 702	4	191	
		15		18			4		
.810	9.668 890		9.722 192		0.277 808	9.946 698		**.190**	
		14		19			4		
811	9.668 904		9.722 211		0.277 789	9.946 694		189	
812	9.668 919	15	9.722 229	18	0.277 771	9.946 690	4	188	
813	9.668 933	14	9.722 247	18	0.277 753	9.946 686	4	187	
		14		19			4		
814	9.668 947		9.722 266		0.277 734	9.946 682		186	
815	9.668 962	15	9.722 284	18	0.277 716	9.946 678	4	185	
816	9.668 976	14	9.722 302	18	0.277 698	9.946 674	4	184	
		14		19			4		
817	9.668 990		9.722 321		0.277 679	9.946 670		183	
818	9.669 005	15	9.722 339	18	0.277 661	9.946 666	4	182	
819	9.669 019	14	9.722 358	19	0.277 642	9.946 662	4	181	
		15		18			4		
.820	9.669 034		9.722 376		0.277 624	9.946 658		**.180**	
		14		18			4		
821	9.669 048		9.722 394		0.277 606	9.946 654		179	
822	9.669 062	14	9.722 413	19	0.277 587	9.946 650	4	178	
823	9.669 077	15	9.722 431	18	0.277 569	9.946 646	4	177	
		14		18			4		
824	9.669 091		9.722 449		0.277 551	9.946 642		176	
825	9.669 105	14	9.722 468	19	0.277 532	9.946 638	4	175	
826	9.669 120	15	9.722 486	18	0.277 514	9.946 634	4	174	
		14		18			4		
827	9.669 134		9.722 504		0.277 496	9.946 630		173	
828	9.669 148	14	9.722 523	19	0.277 477	9.946 626	4	172	
829	9.669 163	15	9.722 541	18	0.277 459	9.946 622	4	171	
		14		18			4		
.830	9.669 177		9.722 559		0.277 441	9.946 618		**.170**	
		14		19			4		
831	9.669 191		9.722 578		0.277 422	9.946 614		169	
832	9.669 206	15	9.722 596	18	0.277 404	9.946 610	4	168	
833	9.669 220	14	9.722 615	19	0.277 385	9.946 606	4	167	
		15		18			4		
834	9.669 235		9.722 633		0.277 367	9.946 602		166	
835	9.669 249	14	9.722 651	18	0.277 349	9.946 598	4	165	
836	9.669 263	14	9.722 670	19	0.277 330	9.946 594	4	164	
		15		18			4		
837	9.669 278		9.722 688		0.277 312	9.946 590		163	
838	9.669 292	14	9.722 706	18	0.277 294	9.946 586	4	162	
839	9.669 306	14	9.722 725	19	0.277 275	9.946 582	4	161	
		15		18			4		
.840	9.669 321		9.722 743		0.277 257	9.946 578		**.160**	
		14		18			4		
841	9.669 335		9.722 761		0.277 239	9.946 574		159	
842	9.669 349	14	9.722 780	19	0.277 220	9.946 570	4	158	
843	9.669 364	15	9.722 798	18	0.277 202	9.946 566	4	157	
		14		18			4		
844	9.669 378		9.722 816		0.277 184	9.946 562		156	
845	9.669 392	14	9.722 835	19	0.277 165	9.946 558	4	155	
846	9.669 407	15	9.722 853	18	0.277 147	9.946 554	4	154	
		14		19			4		
847	9.669 421		9.722 872		0.277 128	9.946 550		153	
848	9.669 435	14	9.722 890	18	0.277 110	9.946 546	4	152	
849	9.669 450	15	9.722 908	18	0.277 092	9.946 542	4	151	
		14		19			4		
.850	9.669 464		9.722 927		0.277 073	9.946 538		**.150**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

62°.200 — 62°.150

27°.850 — 27°.900

27°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.669 464		9.722 927		0.277 073	9.946 538		**.150**	
		15		18			4		
851	9.669 479		9.722 945		0.277 055	9.946 534		149	
852	9.669 493	14	9.722 963	18	0.277 037	9.946 530	4	148	
853	9.669 507	14	9.722 982	19	0.277 018	9.946 526	4	147	
		15		18			4		
854	9.669 522		9.723 000		0.277 000	9.946 522		146	
855	9.669 536	14	9.723 018	18	0.276 982	9.946 518	4	145	
856	9.669 550	14	9.723 037	19	0.276 963	9.946 514	4	144	
		15		18			4		
857	9.669 565		9.723 055		0.276 945	9.946 510		143	
858	9.669 579	14	9.723 073	18	0.276 927	9.946 506	4	142	
859	9.669 593	14	9.723 092	19	0.276 908	9.946 502	4	141	
		15		18			4		
.860	9.669 608		9.723 110		0.276 890	9.946 498		**.140**	
		14		18			5		
861	9.669 622		9.723 128		0.276 872	9.946 493		139	
862	9.669 636	14	9.723 147	19	0.276 853	9.946 489	4	138	
863	9.669 651	15	9.723 165	18	0.276 835	9.946 485	4	137	
		14		18			4		
864	9.669 665		9.723 183		0.276 817	9.946 481		136	
865	9.669 679	14	9.723 202	19	0.276 798	9.946 477	4	135	
866	9.669 694	15	9.723 220	18	0.276 780	9.946 473	4	134	
		14		19			4		
867	9.669 708		9.723 239		0.276 761	9.946 469		133	
868	9.669 722	14	9.723 257	18	0.276 743	9.946 465	4	132	
869	9.669 737	15	9.723 275	18	0.276 725	9.946 461	4	131	
		14		19			4		
.870	9.669 751		9.723 294		0.276 706	9.946 457		**.130**	
		14		18			4		
871	9.669 765		9.723 312		0.276 688	9.946 453		129	
872	9.669 780	15	9.723 330	18	0.276 670	9.946 449	4	128	
873	9.669 794	14	9.723 349	19	0.276 651	9.946 445	4	127	
		14		18			4		
874	9.669 808		9.723 367		0.276 633	9.946 441		126	
875	9.669 823	15	9.723 385	18	0.276 615	9.946 437	4	125	
876	9.669 837	14	9.723 404	19	0.276 596	9.946 433	4	124	
		14		18			4		
877	9.669 851		9.723 422		0.276 578	9.946 429		123	
878	9.669 866	15	9.723 440	18	0.276 560	9.946 425	4	122	
879	9.669 880	14	9.723 459	19	0.276 541	9.946 421	4	121	
		14		18			4		
.880	9.669 894		9.723 477		0.276 523	9.946 417		**.120**	
		15		18			4		
881	9.669 909		9.723 495		0.276 505	9.946 413		119	
882	9.669 923	14	9.723 514	19	0.276 486	9.946 409	4	118	
883	9.669 937	14	9.723 532	18	0.276 468	9.946 405	4	117	
		15		18			4		
884	9.669 952		9.723 550		0.276 450	9.946 401		116	
885	9.669 966	14	9.723 569	19	0.276 431	9.946 397	4	115	
886	9.669 980	14	9.723 587	18	0.276 413	9.946 393	4	114	
		15		18			4		
887	9.669 995		9.723 605		0.276 395	9.946 389		113	
888	9.670 009	14	9.723 624	19	0.276 376	9.946 385	4	112	
889	9.670 023	14	9.723 642	18	0.276 358	9.946 381	4	111	
		15		18			4		
.890	9.670 038		9.723 660		0.276 340	9.946 377		**.110**	
		14		19			4		
891	9.670 052		9.723 679		0.276 321	9.946 373		109	
892	9.670 066	14	9.723 697	18	0.276 303	9.946 369	4	108	
893	9.670 080	14	9.723 715	18	0.276 285	9.946 365	4	107	
		15		19			4		
894	9.670 095		9.723 734		0.276 266	9.946 361		106	
895	9.670 109	14	9.723 752	18	0.276 248	9.946 357	4	105	
896	9.670 123	14	9.723 770	18	0.276 230	9.946 353	4	104	
		15		19			4		
897	9.670 138		9.723 789		0.276 211	9.946 349		103	
898	9.670 152	14	9.723 807	18	0.276 193	9.946 345	4	102	
899	9.670 166	14	9.723 825	18	0.276 175	9.946 341	4	101	
		15		19			4		
.900	9.670 181		9.723 844		0.276 156	9.946 337		**.100**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

62°.150 — 62°.100

27°.900 — 27°.950

27°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.670 181		9.723 844		0.276 156	9.946 337		**.100**	
		14		18			4		
901	9.670 195		9.723 862		0.276 138	9.946 333		099	
902	9.670 209	14	9.723 880	18	0.276 120	9.946 329	4	098	
903	9.670 224	15	9.723 899	19	0.276 101	9.946 325	4	097	
		14		18			4		
904	9.670 238		9.723 917		0.276 083	9.946 321		096	
905	9.670 252	14	9.723 935	18	0.276 065	9.946 317	4	095	
906	9.670 267	15	9.723 954	19	0.276 046	9.946 313	4	094	
		14		18			4		
907	9.670 281		9.723 972		0.276 028	9.946 309		093	
908	9.670 295	14	9.723 990	18	0.276 010	9.946 305	4	092	
909	9.670 310	15	9.724 009	19	0.275 991	9.946 301	4	091	
		14		18			4		
.910	9.670 324		9.724 027		0.275 973	9.946 297		**.090**	
		14		18			4		
911	9.670 338		9.724 045		0.275 955	9.946 293		089	
912	9.670 352	14	9.724 064	19	0.275 936	9.946 289	4	088	
913	9.670 367	15	9.724 082	18	0.275 918	9.946 285	4	087	
		14		18			4		
914	9.670 381		9.724 100		0.275 900	9.946 281		086	
915	9.670 395	14	9.724 118	18	0.275 882	9.946 277	4	085	
916	9.670 410	15	9.724 137	19	0.275 863	9.946 273	4	084	
		14		18			4		
917	9.670 424		9.724 155		0.275 845	9.946 269		083	
918	9.670 438	14	9.724 173	18	0.275 827	9.946 265	4	082	
919	9.670 453	15	9.724 192	19	0.275 808	9.946 261	4	081	
		14		18			4		
.920	9.670 467		9.724 210		0.275 790	9.946 257		**.080**	
		14		18			4		
921	9.670 481		9.724 228		0.275 772	9.946 253		079	
922	9.670 496	15	9.724 247	19	0.275 753	9.946 249	4	078	
923	9.670 510	14	9.724 265	18	0.275 735	9.946 245	4	077	
		14		18			4		
924	9.670 524		9.724 283		0.275 717	9.946 241		076	
925	9.670 538	14	9.724 302	19	0.275 698	9.946 237	4	075	
926	9.670 553	15	9.724 320	18	0.275 680	9.946 233	4	074	
		14		18			4		
927	9.670 567		9.724 338		0.275 662	9.946 229		073	
928	9.670 581	14	9.724 357	19	0.275 643	9.946 225	4	072	
929	9.670 596	15	9.724 375	18	0.275 625	9.946 221	4	071	
		14		18			4		
.930	9.670 610		9.724 393		0.275 607	9.946 217		**.070**	
		14		19			4		
931	9.670 624		9.724 412		0.275 588	9.946 213		069	
932	9.670 639	15	9.724 430	18	0.275 570	9.946 209	4	068	
933	9.670 653	14	9.724 448	18	0.275 552	9.946 205	4	067	
		14		19			4		
934	9.670 667		9.724 467		0.275 533	9.946 201		066	
935	9.670 681	14	9.724 485	18	0.275 515	9.946 197	4	065	
936	9.670 696	15	9.724 503	18	0.275 497	9.946 193	4	064	
		14		18			5		
937	9.670 710		9.724 521		0.275 479	9.946 188		063	
938	9.670 724	14	9.724 540	19	0.275 460	9.946 184	4	062	
939	9.670 739	15	9.724 558	18	0.275 442	9.946 180	4	061	
		14		18			4		
.940	9.670 753		9.724 576		0.275 424	9.946 176		**.060**	
		14		19			4		
941	9.670 767		9.724 595		0.275 405	9.946 172		059	
942	9.670 781	14	9.724 613	18	0.275 387	9.946 168	4	058	
943	9.670 796	15	9.724 631	18	0.275 369	9.946 164	4	057	
		14		19			4		
944	9.670 810		9.724 650		0.275 350	9.946 160		056	
945	9.670 824	14	9.724 668	18	0.275 332	9.946 156	4	055	
946	9.670 839	15	9.724 686	18	0.275 314	9.946 152	4	054	
		14		19			4		
947	9.670 853		9.724 705		0.275 295	9.946 148		053	
948	9.670 867	14	9.724 723	18	0.275 277	9.946 144	4	052	
949	9.670 881	14	9.724 741	18	0.275 259	9.946 140	4	051	
		15		19			4		
.950	9.670 896		9.724 760		0.275 240	9.946 136		**.050**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

62°.100 — 62°.050

27°.950 — 28°.000

27°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.670 896		9.724 760		0.275 240	9.946 136		**.050**	
		14		18			4		
951	9.670 910		9.724 778		0.275 222	9.946 132		049	
952	9.670 924	14	9.724 796	18	0.275 204	9.946 128	4	048	
953	9.670 939	15	9.724 814	18	0.275 186	9.946 124	4	047	
		14		19			4		19
954	9.670 953		9.724 833		0.275 167	9.946 120		046	1 1.9
955	9.670 967	14	9.724 851	18	0.275 149	9.946 116	4	045	2 3.8
956	9.670 981	14	9.724 869	18	0.275 131	9.946 112	4	044	3 5.7
		15		19			4		4 7.6
957	9.670 996		9.724 888		0.275 112	9.946 108		043	5 9.5
958	9.671 010	14	9.724 906	18	0.275 094	9.946 104	4	042	6 11.4
959	9.671 024	14	9.724 924	18	0.275 076	9.946 100	4	041	7 13.3
		15		19			4		8 15.2
.960	9.671 039		9.724 943		0.275 057	9.946 096		**.040**	9 17.1
		14		18			4		
961	9.671 053		9.724 961		0.275 039	9.946 092		039	
962	9.671 067	14	9.724 979	18	0.275 021	9.946 088	4	038	
963	9.671 081	14	9.724 997	18	0.275 003	9.946 084	4	037	
		15		19			4		
964	9.671 096		9.725 016		0.274 984	9.946 080		036	
965	9.671 110	14	9.725 034	18	0.274 966	9.946 076	4	035	18
966	9.671 124	14	9.725 052	18	0.274 948	9.946 072	4	034	
		15		19			4		1 1.8
967	9.671 139		9.725 071		0.274 929	9.946 068		033	2 3.6
968	9.671 153	14	9.725 089	18	0.274 911	9.946 064	4	032	3 5.4
969	9.671 167	14	9.725 107	18	0.274 893	9.946 060	4	031	4 7.2
		14		19			4		5 9.0
.970	9.671 181		9.725 126		0.274 874	9.946 056		**.030**	6 10.8
		15		18			4		7 12.6
971	9.671 196		9.725 144		0.274 856	9.946 052		029	8 14.4
972	9.671 210	14	9.725 162	18	0.274 838	9.946 048	4	028	9 16.2
973	9.671 224	14	9.725 180	18	0.274 820	9.946 044	4	027	
		14		19			4		
974	9.671 238		9.725 199		0.274 801	9.946 040		026	
975	9.671 253	15	9.725 217	18	0.274 783	9.946 036	4	025	
976	9.671 267	14	9.725 235	18	0.274 765	9.946 032	4	024	
		14		19			4		
977	9.671 281		9.725 254		0.274 746	9.946 028		023	15
978	9.671 296	15	9.725 272	18	0.274 728	9.946 024	4	022	
979	9.671 310	14	9.725 290	18	0.274 710	9.946 020	4	021	1 1.5
		14		19			5		2 3.0
.980	9.671 324		9.725 309		0.274 691	9.946 015		**.020**	3 4.5
		14		18			4		4 6.0
981	9.671 338		9.725 327		0.274 673	9.946 011		019	5 7.5
982	9.671 353	15	9.725 345	18	0.274 655	9.946 007	4	018	6 9.0
983	9.671 367	14	9.725 363	18	0.274 637	9.946 003	4	017	7 10.5
		14		19			4		8 12.0
984	9.671 381		9.725 382		0.274 618	9.945 999		016	9 13.5
985	9.671 395	14	9.725 400	18	0.274 600	9.945 995	4	015	
986	9.671 410	15	9.725 418	18	0.274 582	9.945 991	4	014	
		14		19			4		
987	9.671 424		9.725 437		0.274 563	9.945 987		013	
988	9.671 438	14	9.725 455	18	0.274 545	9.945 983	4	012	
989	9.671 452	14	9.725 473	18	0.274 527	9.945 979	4	011	14
		15		18			4		
.990	9.671 467		9.725 491		0.274 509	9.945 975		**.010**	1 1.4
		14		19			4		2 2.8
991	9.671 481		9.725 510		0.274 490	9.945 971		009	3 4.2
992	9.671 495	14	9.725 528	18	0.274 472	9.945 967	4	008	4 5.6
993	9.671 509	14	9.725 546	18	0.274 454	9.945 963	4	007	5 7.0
		15		19			4		6 8.4
994	9.671 524		9.725 565		0.274 435	9.945 959		006	7 9.8
995	9.671 538	14	9.725 583	18	0.274 417	9.945 955	4	005	8 11.2
996	9.671 552	14	9.725 601	18	0.274 399	9.945 951	4	004	9 12.6
		15		19			4		
997	9.671 567		9.725 620		0.274 380	9.945 947		003	
998	9.671 581	14	9.725 638	18	0.274 362	9.945 943	4	002	
999	9.671 595	14	9.725 656	18	0.274 344	9.945 939	4	001	
		14		18			4		
***000**	9.671 609		9.725 674		0.274 326	9.945 935		**.000**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

62°.050 — 62°.000

28°.000 — 28°.050

28°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.671 609		9.725 674		0.274 326	9.945 935		***000**	
		15		19			4		
001	9.671 624		9.725 693		0.274 307	9.945 931		999	
002	9.671 638	14	9.725 711	18	0.274 289	9.945 927	4	998	
003	9.671 652	14	9.725 729	18	0.274 271	9.945 923	4	997	
		14		19			4		19
004	9.671 666		9.725 748		0.274 252	9.945 919		996	1 1.9
005	9.671 681	15	9.725 766	18	0.274 234	9.945 915	4	995	2 3.8
006	9.671 695	14	9.725 784	18	0.274 216	9.945 911	4	994	3 5.7
		14		18			4		4 7.6
007	9.671 709		9.725 802		0.274 198	9.945 907		993	5 9.5
008	9.671 723	14	9.725 821	19	0.274 179	9.945 903	4	992	6 11.4
009	9.671 738	15	9.725 839	18	0.274 161	9.945 899	4	991	7 13.3
		14		18			4		8 15.2
.010	9.671 752		9.725 857		0.274 143	9.945 895		**.990**	9 17.1
		14		18			4		
011	9.671 766		9.725 875		0.274 125	9.945 891		989	
012	9.671 780	14	9.725 894	19	0.274 106	9.945 887	4	988	
013	9.671 795	15	9.725 912	18	0.274 088	9.945 883	4	987	
		14		18			5		
014	9.671 809		9.725 930		0.274 070	9.945 878		986	
015	9.671 823	14	9.725 949	19	0.274 051	9.945 874	4	985	
016	9.671 837	14	9.725 967	18	0.274 033	9.945 870	4	984	18
		15		18			4		1 1.8
017	9.671 852		9.725 985		0.274 015	9.945 866		983	2 3.6
018	9.671 866	14	9.726 003	18	0.273 997	9.945 862	4	982	3 5.4
019	9.671 880	14	9.726 022	19	0.273 978	9.945 858	4	981	4 7.2
		14		18			4		5 9.0
.020	9.671 894		9.726 040		0.273 960	9.945 854		**.980**	6 10.8
		15		18			4		7 12.6
021	9.671 909		9.726 058		0.273 942	9.945 850		979	8 14.4
022	9.671 923	14	9.726 077	19	0.273 923	9.945 846	4	978	9 16.2
023	9.671 937	14	9.726 095	18	0.273 905	9.945 842	4	977	
		14		18			4		
024	9.671 951		9.726 113		0.273 887	9.945 838		976	
025	9.671 965	14	9.726 131	18	0.273 869	9.945 834	4	975	
026	9.671 980	15	9.726 150	19	0.273 850	9.945 830	4	974	
		14		18			4		
027	9.671 994		9.726 168		0.273 832	9.945 826		973	15
028	9.672 008	14	9.726 186	18	0.273 814	9.945 822	4	972	
029	9.672 022	14	9.726 204	18	0.273 796	9.945 818	4	971	1 1.5
		15		19			4		2 3.0
.030	9.672 037		9.726 223		0.273 777	9.945 814		**.970**	3 4.5
		14		18			4		4 6.0
031	9.672 051		9.726 241		0.273 759	9.945 810		969	5 7.5
032	9.672 065	14	9.726 259	18	0.273 741	9.945 806	4	968	6 9.0
033	9.672 079	14	9.726 278	19	0.273 722	9.945 802	4	967	7 10.5
		15		18			4		8 12.0
034	9.672 094		9.726 296		0.273 704	9.945 798		966	9 13.5
035	9.672 108	14	9.726 314	18	0.273 686	9.945 794	4	965	
036	9.672 122	14	9.726 332	18	0.273 668	9.945 790	4	964	
		14		19			4		
037	9.672 136		9.726 351		0.273 649	9.945 786		963	
038	9.672 151	15	9.726 369	18	0.273 631	9.945 782	4	962	
039	9.672 165	14	9.726 387	18	0.273 613	9.945 778	4	961	14
		14		18			4		
.040	9.672 179		9.726 405		0.273 595	9.945 774		**.960**	1 1.4
		14		19			4		2 2.8
041	9.672 193		9.726 424		0.273 576	9.945 770		959	3 4.2
042	9.672 207	14	9.726 442	18	0.273 558	9.945 766	4	958	4 5.6
043	9.672 222	15	9.726 460	18	0.273 540	9.945 761	5	957	5 7.0
		14		19			4		6 8.4
044	9.672 236		9.726 479		0.273 521	9.945 757		956	7 9.8
045	9.672 250	14	9.726 497	18	0.273 503	9.945 753	4	955	8 11.2
046	9.672 264	14	9.726 515	18	0.273 485	9.945 749	4	954	9 12.6
		15		18			4		
047	9.672 279		9.726 533		0.273 467	9.945 745		953	
048	9.672 293	14	9.726 552	19	0.273 448	9.945 741	4	952	
049	9.672 307	14	9.726 570	18	0.273 430	9.945 737	4	951	
		14		18			4		
.050	9.672 321		9.726 588		0.273 412	9.945 733		**.950**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

62°.000 — 61°.950

28°.050 — 28°.100

28°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.672 321		9.726 588		0.273 412	9.945 733		**.950**	
		15		18			4		
051	9.672 336		9.726 606		0.273 394	9.945 729		949	
052	9.672 350	14	9.726 625	19	0.273 375	9.945 725	4	948	
053	9.672 364	14	9.726 643	18	0.273 357	9.945 721	4	947	
		14		18			4		19
054	9.672 378		9.726 661		0.273 339	9.945 717		946	1 1.9
055	9.672 392	14	9.726 679	18	0.273 321	9.945 713	4	945	2 3.8
056	9.672 407	15	9.726 698	19	0.273 302	9.945 709	4	944	3 5.7
		14		18			4		4 7.6
057	9.672 421		9.726 716		0.273 284	9.945 705		943	5 9.5
058	9.672 435	14	9.726 734	18	0.273 266	9.945 701	4	942	6 11.4
059	9.672 449	14	9.726 752	18	0.273 248	9.945 697	4	941	7 13.3
		15		19			4		8 15.2
.060	9.672 464		9.726 771		0.273 229	9.945 693		**.940**	9 17.1
		14		18			4		
061	9.672 478		9.726 789		0.273 211	9.945 689		939	
062	9.672 492	14	9.726 807	18	0.273 193	9.945 685	4	938	
063	9.672 506	14	9.726 826	19	0.273 174	9.945 681	4	937	
		14		18			4		
064	9.672 520		9.726 844		0.273 156	9.945 677		936	
065	9.672 535	15	9.726 862	18	0.273 138	9.945 673	4	935	18
066	9.672 549	14	9.726 880	18	0.273 120	9.945 669	4	934	
		14		19			4		1 1.8
067	9.672 563		9.726 899		0.273 101	9.945 665		933	2 3.6
068	9.672 577	14	9.726 917	18	0.273 083	9.945 660	5	932	3 5.4
069	9.672 592	15	9.726 935	18	0.273 065	9.945 656	4	931	4 7.2
		14		18			4		5 9.0
.070	9.672 606		9.726 953		0.273 047	9.945 652		**.930**	6 10.8
		14		19			4		7 12.6
071	9.672 620		9.726 972		0.273 028	9.945 648		929	8 14.4
072	9.672 634	14	9.726 990	18	0.273 010	9.945 644	4	928	9 16.2
073	9.672 648	14	9.727 008	18	0.272 992	9.945 640	4	927	
		15		18			4		
074	9.672 663		9.727 026		0.272 974	9.945 636		926	
075	9.672 677	14	9.727 045	19	0.272 955	9.945 632	4	925	
076	9.672 691	14	9.727 063	18	0.272 937	9.945 628	4	924	
		14		18			4		
077	9.672 705		9.727 081		0.272 919	9.945 624		923	15
078	9.672 719	14	9.727 099	18	0.272 901	9.945 620	4	922	
079	9.672 734	15	9.727 118	19	0.272 882	9.945 616	4	921	1 1.5
		14		18			4		2 3.0
.080	9.672 748		9.727 136		0.272 864	9.945 612		**.920**	3 4.5
		14		18			4		4 6.0
081	9.672 762		9.727 154		0.272 846	9.945 608		919	5 7.5
082	9.672 776	14	9.727 172	18	0.272 828	9.945 604	4	918	6 9.0
083	9.672 790	14	9.727 191	19	0.272 809	9.945 600	4	917	7 10.5
		15		18			4		8 12.0
084	9.672 805		9.727 209		0.272 791	9.945 596		916	9 13.5
085	9.672 819	14	9.727 227	18	0.272 773	9.945 592	4	915	
086	9.672 833	14	9.727 245	18	0.272 755	9.945 588	4	914	
		14		19			4		
087	9.672 847		9.727 264		0.272 736	9.945 584		913	
088	9.672 861	14	9.727 282	18	0.272 718	9.945 580	4	912	
089	9.672 876	15	9.727 300	18	0.272 700	9.945 576	4	911	14
		14		18			4		
.090	9.672 890		9.727 318		0.272 682	9.945 572		**.910**	1 1.4
		14		19			5		2 2.8
091	9.672 904		9.727 337		0.272 663	9.945 567		909	3 4.2
092	9.672 918	14	9.727 355	18	0.272 645	9.945 563	4	908	4 5.6
093	9.672 932	14	9.727 373	18	0.272 627	9.945 559	4	907	5 7.0
		15		18			4		6 8.4
094	9.672 947		9.727 391		0.272 609	9.945 555		906	7 9.8
095	9.672 961	14	9.727 410	19	0.272 590	9.945 551	4	905	8 11.2
096	9.672 975	14	9.727 428	18	0.272 572	9.945 547	4	904	9 12.6
		14		18			4		
097	9.672 989		9.727 446		0.272 554	9.945 543		903	
098	9.673 003	14	9.727 464	18	0.272 536	9.945 539	4	902	
099	9.673 018	15	9.727 483	19	0.272 517	9.945 535	4	901	
		14		18			4		
.100	9.673 032		9.727 501		0.272 499	9.945 531		**.900**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

61°.950 — 61°.900

28°.100 — 28°.150

28°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.673 032		9.727 501		0.272 499	9.945 531		.900	
		14		18			4		
101	9.673 046		9.727 519		0.272 481	9.945 527		899	
102	9.673 060	14	9.727 537	18	0.272 463	9.945 523	4	898	
103	9.673 074	14	9.727 556	19	0.272 444	9.945 519	4	897	
		15		18			4		
104	9.673 089		9.727 574		0.272 426	9.945 515		896	
105	9.673 103	14	9.727 592	18	0.272 408	9.945 511	4	895	
106	9.673 117	14	9.727 610	18	0.272 390	9.945 507	4	894	
		14		19			4		
107	9.673 131		9.727 629		0.272 371	9.945 503		893	
108	9.673 145	14	9.727 647	18	0.272 353	9.945 499	4	892	
109	9.673 160	15	9.727 665	18	0.272 335	9.945 495	4	891	
		14		18			4		
.110	9.673 174		9.727 683		0.272 317	9.945 491		.890	
		14		18			4		
111	9.673 188		9.727 701		0.272 299	9.945 487		889	
112	9.673 202	14	9.727 720	19	0.272 280	9.945 482	5	888	
113	9.673 216	14	9.727 738	18	0.272 262	9.945 478	4	887	
		15		18			4		
114	9.673 231		9.727 756		0.272 244	9.945 474		886	
115	9.673 245	14	9.727 774	18	0.272 226	9.945 470	4	885	
116	9.673 259	14	9.727 793	19	0.272 207	9.945 466	4	884	
		14		18			4		
117	9.673 273		9.727 811		0.272 189	9.945 462		883	
118	9.673 287	14	9.727 829	18	0.272 171	9.945 458	4	882	
119	9.673 301	14	9.727 847	18	0.272 153	9.945 454	4	881	
		15		19			4		
.120	9.673 316		9.727 866		0.272 134	9.945 450		.880	
		14		18			4		
121	9.673 330		9.727 884		0.272 116	9.945 446		879	
122	9.673 344	14	9.727 902	18	0.272 098	9.945 442	4	878	
123	9.673 358	14	9.727 920	18	0.272 080	9.945 438	4	877	
		14		19			4		
124	9.673 372		9.727 939		0.272 061	9.945 434		876	
125	9.673 387	15	9.727 957	18	0.272 043	9.945 430	4	875	
126	9.673 401	14	9.727 975	18	0.272 025	9.945 426	4	874	
		14		18			4		
127	9.673 415		9.727 993		0.272 007	9.945 422		873	
128	9.673 429	14	9.728 011	18	0.271 989	9.945 418	4	872	
129	9.673 443	14	9.728 030	19	0.271 970	9.945 414	4	871	
		14		18			4		
.130	9.673 457		9.728 048		0.271 952	9.945 410		.870	
		15		18			4		
131	9.673 472		9.728 066		0.271 934	9.945 406		869	
132	9.673 486	14	9.728 084	18	0.271 916	9.945 401	5	868	
133	9.673 500	14	9.728 103	19	0.271 897	9.945 397	4	867	
		14		18			4		
134	9.673 514		9.728 121		0.271 879	9.945 393		866	
135	9.673 528	14	9.728 139	18	0.271 861	9.945 389	4	865	
136	9.673 543	15	9.728 157	18	0.271 843	9.945 385	4	864	
		14		19			4		
137	9.673 557		9.728 176		0.271 824	9.945 381		863	
138	9.673 571	14	9.728 194	18	0.271 806	9.945 377	4	862	
139	9.673 585	14	9.728 212	18	0.271 788	9.945 373	4	861	
		14		18			4		
.140	9.673 599		9.728 230		0.271 770	9.945 369		.860	
		14		18			4		
141	9.673 613		9.728 248		0.271 752	9.945 365		859	
142	9.673 628	15	9.728 267	19	0.271 733	9.945 361	4	858	
143	9.673 642	14	9.728 285	18	0.271 715	9.945 357	4	857	
		14		18			4		
144	9.673 656		9.728 303		0.271 697	9.945 353		856	
145	9.673 670	14	9.728 321	18	0.271 679	9.945 349	4	855	
146	9.673 684	14	9.728 340	19	0.271 660	9.945 345	4	854	
		14		18			4		
147	9.673 698		9.728 358		0.271 642	9.945 341		853	
148	9.673 713	15	9.728 376	18	0.271 624	9.945 337	4	852	
149	9.673 727	14	9.728 394	18	0.271 606	9.945 333	4	851	
		14		18			5		
.150	9.673 741		9.728 412		0.271 588	9.945 328		.850	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

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61°.900 — 61°.850

28°.150 — 28°.200

28°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.673 741		9.728 412		0.271 588	9.945 328		.850	
		14		19			4		
151	9.673 755		9.728 431		0.271 569	9.945 324		849	
152	9.673 769	14	9.728 449	18	0.271 551	9.945 320	4	848	
153	9.673 783	14	9.728 467	18	0.271 533	9.945 316	4	847	
		15		18			4		
154	9.673 798		9.728 485		0.271 515	9.945 312		846	
155	9.673 812	14	9.728 504	19	0.271 496	9.945 308	4	845	
156	9.673 826	14	9.728 522	18	0.271 478	9.945 304	4	844	
		14		18			4		
157	9.673 840		9.728 540		0.271 460	9.945 300		843	
158	9.673 854	14	9.728 558	18	0.271 442	9.945 296	4	842	
159	9.673 868	14	9.728 576	18	0.271 424	9.945 292	4	841	
		15		19			4		
.160	9.673 883		9.728 595		0.271 405	9.945 288		.840	
		14		18			4		
161	9.673 897		9.728 613		0.271 387	9.945 284		839	
162	9.673 911	14	9.728 631	18	0.271 369	9.945 280	4	838	
163	9.673 925	14	9.728 649	18	0.271 351	9.945 276	4	837	
		14		19			4		
164	9.673 939		9.728 668		0.271 332	9.945 272		836	
165	9.673 953	14	9.728 686	18	0.271 314	9.945 268	4	835	
166	9.673 967	14	9.728 704	18	0.271 296	9.945 264	4	834	
		15		18			4		
167	9.673 982		9.728 722		0.271 278	9.945 260		833	
168	9.673 996	14	9.728 740	18	0.271 260	9.945 255	5	832	
169	9.674 010	14	9.728 759	19	0.271 241	9.945 251	4	831	
		14		18			4		
.170	9.674 024		9.728 777		0.271 223	9.945 247		.830	
		14		18			4		
171	9.674 038		9.728 795		0.271 205	9.945 243		829	
172	9.674 052	14	9.728 813	18	0.271 187	9.945 239	4	828	
173	9.674 067	15	9.728 831	18	0.271 169	9.945 235	4	827	
		14		19			4		
174	9.674 081		9.728 850		0.271 150	9.945 231		826	
175	9.674 095	14	9.728 868	18	0.271 132	9.945 227	4	825	
176	9.674 109	14	9.728 886	18	0.271 114	9.945 223	4	824	
		14		18			4		
177	9.674 123		9.728 904		0.271 096	9.945 219		823	
178	9.674 137	14	9.728 922	18	0.271 078	9.945 215	4	822	
179	9.674 151	14	9.728 941	19	0.271 059	9.945 211	4	821	
		15		18			4		
.180	9.674 166		9.728 959		0.271 041	9.945 207		.820	
		14		18			4		
181	9.674 180		9.728 977		0.271 023	9.945 203		819	
182	9.674 194	14	9.728 995	18	0.271 005	9.945 199	4	818	
183	9.674 208	14	9.729 014	19	0.270 986	9.945 195	4	817	
		14		18			5		
184	9.674 222		9.729 032		0.270 968	9.945 190		816	
185	9.674 236	14	9.729 050	18	0.270 950	9.945 186	4	815	
186	9.674 251	15	9.729 068	18	0.270 932	9.945 182	4	814	
		14		18			4		
187	9.674 265		9.729 086		0.270 914	9.945 178		813	
188	9.674 279	14	9.729 105	19	0.270 895	9.945 174	4	812	
189	9.674 293	14	9.729 123	18	0.270 877	9.945 170	4	811	
		14		18			4		
.190	9.674 307		9.729 141		0.270 859	9.945 166		.810	
		14		18			4		
191	9.674 321		9.729 159		0.270 841	9.945 162		809	
192	9.674 335	14	9.729 177	18	0.270 823	9.945 158	4	808	
193	9.674 350	15	9.729 196	19	0.270 804	9.945 154	4	807	
		14		18			4		
194	9.674 364		9.729 214		0.270 786	9.945 150		806	
195	9.674 378	14	9.729 232	18	0.270 768	9.945 146	4	805	
196	9.674 392	14	9.729 250	18	0.270 750	9.945 142	4	804	
		14		18			4		
197	9.674 406		9.729 268		0.270 732	9.945 138		803	
198	9.674 420	14	9.729 287	19	0.270 713	9.945 134	4	802	
199	9.674 434	14	9.729 305	18	0.270 695	9.945 130	4	801	
		14		18			5		
.200	9.674 448		9.729 323		0.270 677	9.945 125		.800	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

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61°.850 — 61°.800

28°.200 — 28°.250

28°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.674 448		9.729 323		0.270 677	9.945 125		.800	
		15		18			4		
201	9.674 463		9.729 341		0.270 659	9.945 121		799	
202	9.674 477	14	9.729 359	18	0.270 641	9.945 117	4	798	
203	9.674 491	14	9.729 378	19	0.270 622	9.945 113	4	797	
		14		18			4		
204	9.674 505		9.729 396		0.270 604	9.945 109		796	
205	9.674 519	14	9.729 414	18	0.270 586	9.945 105	4	795	
206	9.674 533	14	9.729 432	18	0.270 568	9.945 101	4	794	
		14		18			4		
207	9.674 547		9.729 450		0.270 550	9.945 097		793	
208	9.674 562	15	9.729 469	19	0.270 531	9.945 093	4	792	
209	9.674 576	14	9.729 487	18	0.270 513	9.945 089	4	791	
		14		18			4		
.210	9.674 590		9.729 505		0.270 495	9.945 085		.790	
		14		18			4		
211	9.674 604		9.729 523		0.270 477	9.945 081		789	
212	9.674 618	14	9.729 541	18	0.270 459	9.945 077	4	788	
213	9.674 632	14	9.729 560	19	0.270 440	9.945 073	4	787	
		14		18			4		
214	9.674 646		9.729 578		0.270 422	9.945 069		786	
215	9.674 660	14	9.729 596	18	0.270 404	9.945 064	5	785	
216	9.674 675	15	9.729 614	18	0.270 386	9.945 060	4	784	
		14		18			4		
217	9.674 689		9.729 632		0.270 368	9.945 056		783	
218	9.674 703	14	9.729 651	19	0.270 349	9.945 052	4	782	
219	9.674 717	14	9.729 669	18	0.270 331	9.945 048	4	781	
		14		18			4		
.220	9.674 731		9.729 687		0.270 313	9.945 044		.780	
		14		18			4		
221	9.674 745		9.729 705		0.270 295	9.945 040		779	
222	9.674 759	14	9.729 723	18	0.270 277	9.945 036	4	778	
223	9.674 773	14	9.729 742	19	0.270 258	9.945 032	4	777	
		15		18			4		
224	9.674 788		9.729 760		0.270 240	9.945 028		776	
225	9.674 802	14	9.729 778	18	0.270 222	9.945 024	4	775	
226	9.674 816	14	9.729 796	18	0.270 204	9.945 020	4	774	
		14		18			4		
227	9.674 830		9.729 814		0.270 186	9.945 016		773	
228	9.674 844	14	9.729 832	18	0.270 168	9.945 012	4	772	
229	9.674 858	14	9.729 851	19	0.270 149	9.945 008	4	771	
		14		18			5		
.230	9.674 872		9.729 869		0.270 131	9.945 003		.770	
		14		18			4		
231	9.674 886		9.729 887		0.270 113	9.944 999		769	
232	9.674 901	15	9.729 905	18	0.270 095	9.944 995	4	768	
233	9.674 915	14	9.729 923	18	0.270 077	9.944 991	4	767	
		14		19			4		
234	9.674 929		9.729 942		0.270 058	9.944 987		766	
235	9.674 943	14	9.729 960	18	0.270 040	9.944 983	4	765	
236	9.674 957	14	9.729 978	18	0.270 022	9.944 979	4	764	
		14		18			4		
237	9.674 971		9.729 996		0.270 004	9.944 975		763	
238	9.674 985	14	9.730 014	18	0.269 986	9.944 971	4	762	
239	9.674 999	14	9.730 033	19	0.269 967	9.944 967	4	761	
		14		18			4		
.240	9.675 013		9.730 051		0.269 949	9.944 963		.760	
		15		18			4		
241	9.675 028		9.730 069		0.269 931	9.944 959		759	
242	9.675 042	14	9.730 087	18	0.269 913	9.944 955	4	758	
243	9.675 056	14	9.730 105	18	0.269 895	9.944 951	4	757	
		14		18			5		
244	9.675 070		9.730 123		0.269 877	9.944 946		756	
245	9.675 084	14	9.730 142	19	0.269 858	9.944 942	4	755	
246	9.675 098	14	9.730 160	18	0.269 840	9.944 938	4	754	
		14		18			4		
247	9.675 112		9.730 178		0.269 822	9.944 934		753	
248	9.675 126	14	9.730 196	18	0.269 804	9.944 930	4	752	
249	9.675 140	14	9.730 214	18	0.269 786	9.944 926	4	751	
		15		19			4		
.250	9.675 155		9.730 233		0.269 767	9.944 922		.750	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

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61°.800 — 61°.750

28°.250 — 28°.300

28°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.675 155		9.730 233		0.269 767	9.944 922		**.750**	
		14		18			4		
251	9.675 169		9.730 251		0.269 749	9.944 918		749	
		14		18			4		
252	9.675 183		9.730 269		0.269 731	9.944 914		748	
		14		18			4		
253	9.675 197		9.730 287		0.269 713	9.944 910		747	
		14		18			4		
254	9.675 211		9.730 305		0.269 695	9.944 906		746	
		14		18			4		
255	9.675 225		9.730 323		0.269 677	9.944 902		745	
		14		19			4		
256	9.675 239		9.730 342		0.269 658	9.944 898		744	
		14		18			4		
257	9.675 253		9.730 360		0.269 640	9.944 894		743	
		14		18			5		
258	9.675 267		9.730 378		0.269 622	9.944 889		742	
		14		18			4		
259	9.675 281		9.730 396		0.269 604	9.944 885		741	
		15		18			4		
.260	9.675 296		9.730 414		0.269 586	9.944 881		**.740**	
		14		18			4		
261	9.675 310		9.730 432		0.269 568	9.944 877		739	
		14		19			4		
262	9.675 324		9.730 451		0.269 549	9.944 873		738	
		14		18			4		
263	9.675 338		9.730 469		0.269 531	9.944 869		737	
		14		18			4		
264	9.675 352		9.730 487		0.269 513	9.944 865		736	
		14		18			4		
265	9.675 366		9.730 505		0.269 495	9.944 861		735	
		14		18			4		
266	9.675 380		9.730 523		0.269 477	9.944 857		734	
		14		18			4		
267	9.675 394		9.730 541		0.269 459	9.944 853		733	
		14		19			4		
268	9.675 408		9.730 560		0.269 440	9.944 849		732	
		14		18			4		
269	9.675 422		9.730 578		0.269 422	9.944 845		731	
		15		18			4		
.270	9.675 437		9.730 596		0.269 404	9.944 841		**.730**	
		14		18			5		
271	9.675 451		9.730 614		0.269 386	9.944 836		729	
		14		18			4		
272	9.675 465		9.730 632		0.269 368	9.944 832		728	
		14		19			4		
273	9.675 479		9.730 651		0.269 349	9.944 828		727	
		14		18			4		
274	9.675 493		9.730 669		0.269 331	9.944 824		726	
		14		18			4		
275	9.675 507		9.730 687		0.269 313	9.944 820		725	
		14		18			4		
276	9.675 521		9.730 705		0.269 295	9.944 816		724	
		14		18			4		
277	9.675 535		9.730 723		0.269 277	9.944 812		723	
		14		18			4		
278	9.675 549		9.730 741		0.269 259	9.944 808		722	
		14		19			4		
279	9.675 563		9.730 760		0.269 240	9.944 804		721	
		14		18			4		
.280	9.675 577		9.730 778		0.269 222	9.944 800		**.720**	
		15		18			4		
281	9.675 592		9.730 796		0.269 204	9.944 796		719	
		14		18			4		
282	9.675 606		9.730 814		0.269 186	9.944 792		718	
		14		18			4		
283	9.675 620		9.730 832		0.269 168	9.944 788		717	
		14		18			5		
284	9.675 634		9.730 850		0.269 150	9.944 783		716	
		14		19			4		
285	9.675 648		9.730 869		0.269 131	9.944 779		715	
		14		18			4		
286	9.675 662		9.730 887		0.269 113	9.944 775		714	
		14		18			4		
287	9.675 676		9.730 905		0.269 095	9.944 771		713	
		14		18			4		
288	9.675 690		9.730 923		0.269 077	9.944 767		712	
		14		18			4		
289	9.675 704		9.730 941		0.269 059	9.944 763		711	
		14		18			4		
.290	9.675 718		9.730 959		0.269 041	9.944 759		**.710**	
		14		19			4		
291	9.675 732		9.730 978		0.269 022	9.944 755		709	
		15		18			4		
292	9.675 747		9.730 996		0.269 004	9.944 751		708	
		14		18			4		
293	9.675 761		9.731 014		0.268 986	9.944 747		707	
		14		18			4		
294	9.675 775		9.731 032		0.268 968	9.944 743		706	
		14		18			4		
295	9.675 789		9.731 050		0.268 950	9.944 739		705	
		14		18			4		
296	9.675 803		9.731 068		0.268 932	9.944 735		704	
		14		18			5		
297	9.675 817		9.731 086		0.268 914	9.944 730		703	
		14		19			4		
298	9.675 831		9.731 105		0.268 895	9.944 726		702	
		14		18			4		
299	9.675 845		9.731 123		0.268 877	9.944 722		701	
		14		18			4		
.300	9.675 859		9.731 141		0.268 859	9.944 718		**.700**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

61°.750 — 61°.700

28°.300 — 28°.350

28°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.675 859		9.731 141		0.268 859	9.944 718		.700	
		14		18			4		
301	9.675 873		9.731 159		0.268 841	9.944 714		699	
302	9.675 887	14	9.731 177	18	0.268 823	9.944 710	4	698	
303	9.675 901	14	9.731 195	18	0.268 805	9.944 706	4	697	
		14		19			4		19
304	9.675 915		9.731 214		0.268 786	9.944 702		696	1 1.9
305	9.675 930	15	9.731 232	18	0.268 768	9.944 698	4	695	2 3.8
306	9.675 944	14	9.731 250	18	0.268 750	9.944 694	4	694	3 5.7
		14		18			4		4 7.6
307	9.675 958		9.731 268		0.268 732	9.944 690		693	5 9.5
308	9.675 972	14	9.731 286	18	0.268 714	9.944 686	4	692	6 11.4
309	9.675 986	14	9.731 304	18	0.268 696	9.944 681	5	691	7 13.3
		14		19			4		8 15.2
.310	9.676 000		9.731 323		0.268 677	9.944 677		.690	9 17.1
		14		18			4		
311	9.676 014		9.731 341		0.268 659	9.944 673		689	
312	9.676 028	14	9.731 359	18	0.268 641	9.944 669	4	688	
313	9.676 042	14	9.731 377	18	0.268 623	9.944 665	4	687	
		14		18			4		
314	9.676 056		9.731 395		0.268 605	9.944 661		686	
315	9.676 070	14	9.731 413	18	0.268 587	9.944 657	4	685	18
316	9.676 084	14	9.731 431	18	0.268 569	9.944 653	4	684	
		14		19			4		1 1.8
317	9.676 098		9.731 450		0.268 550	9.944 649		683	2 3.6
318	9.676 112	14	9.731 468	18	0.268 532	9.944 645	4	682	3 5.4
319	9.676 127	15	9.731 486	18	0.268 514	9.944 641	4	681	4 7.2
		14		18			4		5 9.0
.320	9.676 141		9.731 504		0.268 496	9.944 637		.680	6 10.8
		14		18			5		7 12.6
321	9.676 155		9.731 522		0.268 478	9.944 632		679	8 14.4
322	9.676 169	14	9.731 540	18	0.268 460	9.944 628	4	678	9 16.2
323	9.676 183	14	9.731 559	19	0.268 441	9.944 624	4	677	
		14		18			4		
324	9.676 197		9.731 577		0.268 423	9.944 620		676	
325	9.676 211	14	9.731 595	18	0.268 405	9.944 616	4	675	
326	9.676 225	14	9.731 613	18	0.268 387	9.944 612	4	674	
		14		18			4		15
327	9.676 239		9.731 631		0.268 369	9.944 608		673	1 1.5
328	9.676 253	14	9.731 649	18	0.268 351	9.944 604	4	672	2 3.0
329	9.676 267	14	9.731 667	18	0.268 333	9.944 600	4	671	3 4.5
		14		19			4		4 6.0
.330	9.676 281		9.731 686		0.268 314	9.944 596		.670	5 7.5
		14		18			4		6 9.0
331	9.676 295		9.731 704		0.268 296	9.944 592		669	7 10.5
332	9.676 309	14	9.731 722	18	0.268 278	9.944 587	5	668	8 12.0
333	9.676 323	14	9.731 740	18	0.268 260	9.944 583	4	667	9 13.5
		14		18			4		
334	9.676 337		9.731 758		0.268 242	9.944 579		666	
335	9.676 352	15	9.731 776	18	0.268 224	9.944 575	4	665	
336	9.676 366	14	9.731 794	18	0.268 206	9.944 571	4	664	
		14		19			4		
337	9.676 380		9.731 813		0.268 187	9.944 567		663	
338	9.676 394	14	9.731 831	18	0.268 169	9.944 563	4	662	
339	9.676 408	14	9.731 849	18	0.268 151	9.944 559	4	661	14
		14		18			4		
.340	9.676 422		9.731 867		0.268 133	9.944 555		.660	1 1.4
		14		18			4		2 2.8
341	9.676 436		9.731 885		0.268 115	9.944 551		659	3 4.2
342	9.676 450	14	9.731 903	18	0.268 097	9.944 547	4	658	4 5.6
343	9.676 464	14	9.731 921	18	0.268 079	9.944 543	4	657	5 7.0
		14		19			5		6 8.4
344	9.676 478		9.731 940		0.268 060	9.944 538		656	7 9.8
345	9.676 492	14	9.731 958	18	0.268 042	9.944 534	4	655	8 11.2
346	9.676 506	14	9.731 976	18	0.268 024	9.944 530	4	654	9 12.6
		14		18			4		
347	9.676 520		9.731 994		0.268 006	9.944 526		653	
348	9.676 534	14	9.732 012	18	0.267 988	9.944 522	4	652	
349	9.676 548	14	9.732 030	18	0.267 970	9.944 518	4	651	
		14		18			4		
.350	9.676 562		9.732 048		0.267 952	9.944 514		.650	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.700 — 61°.650

28°.350 — 28°.400

28°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.676 562		9.732 048		0.267 952	9.944 514		.650	
		14		19			4		
351	9.676 576		9.732 067		0.267 933	9.944 510		649	
		14		18			4		
352	9.676 590		9.732 085		0.267 915	9.944 506		648	
		14		18			4		
353	9.676 604		9.732 103		0.267 897	9.944 502		647	
		14		18			4		
354	9.676 618		9.732 121		0.267 879	9.944 498		646	
		15		18			5		
355	9.676 633		9.732 139		0.267 861	9.944 493		645	
		14		18			4		
356	9.676 647		9.732 157		0.267 843	9.944 489		644	
		14		18			4		
357	9.676 661		9.732 175		0.267 825	9.944 485		643	
		14		18			4		
358	9.676 675		9.732 193		0.267 807	9.944 481		642	
		14		19			4		
359	9.676 689		9.732 212		0.267 788	9.944 477		641	
		14		18			4		
.360	9.676 703		9.732 230		0.267 770	9.944 473		.640	
		14		18			4		
361	9.676 717		9.732 248		0.267 752	9.944 469		639	
		14		18			4		
362	9.676 731		9.732 266		0.267 734	9.944 465		638	
		14		18			4		
363	9.676 745		9.732 284		0.267 716	9.944 461		637	
		14		18			4		
364	9.676 759		9.732 302		0.267 698	9.944 457		636	
		14		18			4		
365	9.676 773		9.732 320		0.267 680	9.944 453		635	
		14		19			5		
366	9.676 787		9.732 339		0.267 661	9.944 448		634	
		14		18			4		
367	9.676 801		9.732 357		0.267 643	9.944 444		633	
		14		18			4		
368	9.676 815		9.732 375		0.267 625	9.944 440		632	
		14		18			4		
369	9.676 829		9.732 393		0.267 607	9.944 436		631	
		14		18			4		
.370	9.676 843		9.732 411		0.267 589	9.944 432		.630	
		14		18			4		
371	9.676 857		9.732 429		0.267 571	9.944 428		629	
		14		18			4		
372	9.676 871		9.732 447		0.267 553	9.944 424		628	
		14		18			4		
373	9.676 885		9.732 465		0.267 535	9.944 420		627	
		14		19			4		
374	9.676 899		9.732 484		0.267 516	9.944 416		626	
		14		18			4		
375	9.676 913		9.732 502		0.267 498	9.944 412		625	
		14		18			4		
376	9.676 927		9.732 520		0.267 480	9.944 408		624	
		14		18			5		
377	9.676 941		9.732 538		0.267 462	9.944 403		623	
		14		18			4		
378	9.676 955		9.732 556		0.267 444	9.944 399		622	
		14		18			4		
379	9.676 969		9.732 574		0.267 426	9.944 395		621	
		14		18			4		
.380	9.676 983		9.732 592		0.267 408	9.944 391		.620	
		14		18			4		
381	9.676 997		9.732 610		0.267 390	9.944 387		619	
		15		19			4		
382	9.677 012		9.732 629		0.267 371	9.944 383		618	
		14		18			4		
383	9.677 026		9.732 647		0.267 353	9.944 379		617	
		14		18			4		
384	9.677 040		9.732 665		0.267 335	9.944 375		616	
		14		18			4		
385	9.677 054		9.732 683		0.267 317	9.944 371		615	
		14		18			4		
386	9.677 068		9.732 701		0.267 299	9.944 367		614	
		14		18			5		
387	9.677 082		9.732 719		0.267 281	9.944 362		613	
		14		18			4		
388	9.677 096		9.732 737		0.267 263	9.944 358		612	
		14		18			4		
389	9.677 110		9.732 755		0.267 245	9.944 354		611	
		14		19			4		
.390	9.677 124		9.732 774		0.267 226	9.944 350		.610	
		14		18			4		
391	9.677 138		9.732 792		0.267 208	9.944 346		609	
		14		18			4		
392	9.677 152		9.732 810		0.267 190	9.944 342		608	
		14		18			4		
393	9.677 166		9.732 828		0.267 172	9.944 338		607	
		14		18			4		
394	9.677 180		9.732 846		0.267 154	9.944 334		606	
		14		18			4		
395	9.677 194		9.732 864		0.267 136	9.944 330		605	
		14		18			4		
396	9.677 208		9.732 882		0.267 118	9.944 326		604	
		14		18			5		
397	9.677 222		9.732 900		0.267 100	9.944 321		603	
		14		19			4		
398	9.677 236		9.732 919		0.267 081	9.944 317		602	
		14		18			4		
399	9.677 250		9.732 937		0.267 063	9.944 313		601	
		14		18			4		
.400	9.677 264		9.732 955		0.267 045	9.944 309		.600	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

61°.650 — 61°.600

28°.400 — 28°.450

28°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.677 264		9.732 955		0.267 045	9.944 309		**.600**	
		14		18			4		
401	9.677 278		9.732 973		0.267 027	9.944 305		599	
		14		18			4		
402	9.677 292		9.732 991		0.267 009	9.944 301		598	
		14		18			4		
403	9.677 306		9.733 009		0.266 991	9.944 297		597	
		14		18			4		
404	9.677 320		9.733 027		0.266 973	9.944 293		596	
		14		18			4		
405	9.677 334		9.733 045		0.266 955	9.944 289		595	
		14		18			4		
406	9.677 348		9.733 063		0.266 937	9.944 285		594	
		14		19			4		
407	9.677 362		9.733 082		0.266 918	9.944 281		593	
		14		18			5		
408	9.677 376		9.733 100		0.266 900	9.944 276		592	
		14		18			4		
409	9.677 390		9.733 118		0.266 882	9.944 272		591	
		14		18			4		
.410	9.677 404		9.733 136		0.266 864	9.944 268		**.590**	
		14		18			4		
411	9.677 418		9.733 154		0.266 846	9.944 264		589	
		14		18			4		
412	9.677 432		9.733 172		0.266 828	9.944 260		588	
		14		18			4		
413	9.677 446		9.733 190		0.266 810	9.944 256		587	
		14		18			4		
414	9.677 460		9.733 208		0.266 792	9.944 252		586	
		14		18			4		
415	9.677 474		9.733 226		0.266 774	9.944 248		585	
		14		19			4		
416	9.677 488		9.733 245		0.266 755	9.944 244		584	
		14		18			4		
417	9.677 502		9.733 263		0.266 737	9.944 240		583	
		14		18			5		
418	9.677 516		9.733 281		0.266 719	9.944 235		582	
		14		18			4		
419	9.677 530		9.733 299		0.266 701	9.944 231		581	
		14		18			4		
.420	9.677 544		9.733 317		0.266 683	9.944 227		**.580**	
		14		18			4		
421	9.677 558		9.733 335		0.266 665	9.944 223		579	
		14		18			4		
422	9.677 572		9.733 353		0.266 647	9.944 219		578	
		14		18			4		
423	9.677 586		9.733 371		0.266 629	9.944 215		577	
		14		18			4		
424	9.677 600		9.733 389		0.266 611	9.944 211		576	
		14		19			4		
425	9.677 614		9.733 408		0.266 592	9.944 207		575	
		14		18			4		
426	9.677 628		9.733 426		0.266 574	9.944 203		574	
		14		18			5		
427	9.677 642		9.733 444		0.266 556	9.944 198		573	
		14		18			4		
428	9.677 656		9.733 462		0.266 538	9.944 194		572	
		14		18			4		
429	9.677 670		9.733 480		0.266 520	9.944 190		571	
		14		18			4		
.430	9.677 684		9.733 498		0.266 502	9.944 186		**.570**	
		14		18			4		
431	9.677 698		9.733 516		0.266 484	9.944 182		569	
		14		18			4		
432	9.677 712		9.733 534		0.266 466	9.944 178		568	
		14		18			4		
433	9.677 726		9.733 552		0.266 448	9.944 174		567	
		14		18			4		
434	9.677 740		9.733 570		0.266 430	9.944 170		566	
		14		19			4		
435	9.677 754		9.733 589		0.266 411	9.944 166		565	
		14		18			4		
436	9.677 768		9.733 607		0.266 393	9.944 162		564	
		14		18			5		
437	9.677 782		9.733 625		0.266 375	9.944 157		563	
		14		18			4		
438	9.677 796		9.733 643		0.266 357	9.944 153		562	
		14		18			4		
439	9.677 810		9.733 661		0.266 339	9.944 149		561	
		14		18			4		
.440	9.677 824		9.733 679		0.266 321	9.944 145		**.560**	
		14		18			4		
441	9.677 838		9.733 697		0.266 303	9.944 141		559	
		14		18			4		
442	9.677 852		9.733 715		0.266 285	9.944 137		558	
		14		18			4		
443	9.677 866		9.733 733		0.266 267	9.944 133		557	
		14		19			4		
444	9.677 880		9.733 752		0.266 248	9.944 129		556	
		14		18			4		
445	9.677 894		9.733 770		0.266 230	9.944 125		555	
		14		18			5		
446	9.677 908		9.733 788		0.266 212	9.944 120		554	
		14		18			4		
447	9.677 922		9.733 806		0.266 194	9.944 116		553	
		14		18			4		
448	9.677 936		9.733 824		0.266 176	9.944 112		552	
		14		18			4		
449	9.677 950		9.733 842		0.266 158	9.944 108		551	
		14		18			4		
.450	9.677 964		9.733 860		0.266 140	9.944 104		**.550**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

61°.600 — 61°.550

28°.450 — 28°.500

28°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.677 964	14	9.733 860	18	0.266 140	9.944 104	4	.550	
451	9.677 978	14	9.733 878	18	0.266 122	9.944 100	4	549	
452	9.677 992	14	9.733 896	18	0.266 104	9.944 096	4	548	
453	9.678 006	14	9.733 914	18	0.266 086	9.944 092	4	547	
454	9.678 020	14	9.733 932	19	0.266 068	9.944 088	4	546	19
455	9.678 034	14	9.733 951	18	0.266 049	9.944 084	4	545	1 1.9
456	9.678 048	14	9.733 969	18	0.266 031	9.944 079	5	544	2 3.8
457	9.678 062	14	9.733 987	18	0.266 013	9.944 075	4	543	3 5.7
458	9.678 076	14	9.734 005	18	0.265 995	9.944 071	4	542	4 7.6
459	9.678 090	14	9.734 023	18	0.265 977	9.944 067	4	541	5 9.5
.460	9.678 104	14	9.734 041	18	0.265 959	9.944 063	4	.540	6 11.4
461	9.678 118	14	9.734 059	18	0.265 941	9.944 059	4	539	7 13.3
462	9.678 132	14	9.734 077	18	0.265 923	9.944 055	4	538	8 15.2
463	9.678 146	14	9.734 095	18	0.265 905	9.944 051	4	537	9 17.1
464	9.678 160	14	9.734 113	18	0.265 887	9.944 047	4	536	
465	9.678 174	14	9.734 131	18	0.265 869	9.944 042	5	535	
466	9.678 188	14	9.734 150	19	0.265 850	9.944 038	4	534	18
467	9.678 202	14	9.734 168	18	0.265 832	9.944 034	4	533	1 1.8
468	9.678 216	14	9.734 186	18	0.265 814	9.944 030	4	532	2 3.6
469	9.678 230	14	9.734 204	18	0.265 796	9.944 026	4	531	3 5.4
.470	9.678 244	14	9.734 222	18	0.265 778	9.944 022	4	.530	4 7.2
471	9.678 258	14	9.734 240	18	0.265 760	9.944 018	4	529	5 9.0
472	9.678 272	14	9.734 258	18	0.265 742	9.944 014	4	528	6 10.8
473	9.678 286	14	9.734 276	18	0.265 724	9.944 010	4	527	7 12.6
474	9.678 300	14	9.734 294	18	0.265 706	9.944 005	5	526	8 14.4
475	9.678 314	14	9.734 312	18	0.265 688	9.944 001	4	525	9 16.2
476	9.678 328	14	9.734 330	18	0.265 670	9.943 997	4	524	
477	9.678 342	14	9.734 349	19	0.265 651	9.943 993	4	523	
478	9.678 356	14	9.734 367	18	0.265 633	9.943 989	4	522	14
479	9.678 370	14	9.734 385	18	0.265 615	9.943 985	4	521	1 1.4
.480	9.678 384	14	9.734 403	18	0.265 597	9.943 981	4	.520	2 2.8
481	9.678 398	14	9.734 421	18	0.265 579	9.943 977	4	519	3 4.2
482	9.678 412	14	9.734 439	18	0.265 561	9.943 973	4	518	4 5.6
483	9.678 425	13	9.734 457	18	0.265 543	9.943 968	5	517	5 7.0
484	9.678 439	14	9.734 475	18	0.265 525	9.943 964	4	516	6 8.4
485	9.678 453	14	9.734 493	18	0.265 507	9.943 960	4	515	7 9.8
486	9.678 467	14	9.734 511	18	0.265 489	9.943 956	4	514	8 11.2
487	9.678 481	14	9.734 529	18	0.265 471	9.943 952	4	513	9 12.6
488	9.678 495	14	9.734 547	18	0.265 453	9.943 948	4	512	
489	9.678 509	14	9.734 566	19	0.265 434	9.943 944	4	511	
.490	9.678 523	14	9.734 584	18	0.265 416	9.943 940	4	.510	13
491	9.678 537	14	9.734 602	18	0.265 398	9.943 936	4	509	1 1.3
492	9.678 551	14	9.734 620	18	0.265 380	9.943 931	5	508	2 2.6
493	9.678 565	14	9.734 638	18	0.265 362	9.943 927	4	507	3 3.9
494	9.678 579	14	9.734 656	18	0.265 344	9.943 923	4	506	4 5.2
495	9.678 593	14	9.734 674	18	0.265 326	9.943 919	4	505	5 6.5
496	9.678 607	14	9.734 692	18	0.265 308	9.943 915	4	504	6 7.8
497	9.678 621	14	9.734 710	18	0.265 290	9.943 911	4	503	7 9.1
498	9.678 635	14	9.734 728	18	0.265 272	9.943 907	4	502	8 10.4
499	9.678 649	14	9.734 746	18	0.265 254	9.943 903	4	501	9 11.7
.500	9.678 663		9.734 764		0.265 236	9.943 899	4	.500	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.550 — 61°.500

28°.500 — 28°.550

28°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.678 663		9.734 764		0.265 236	9.943 899		.500	
		14		18			5		
501	9.678 677		9.734 782		0.265 218	9.943 894		499	
502	9.678 691	14	9.734 801	19	0.265 199	9.943 890	4	498	
503	9.678 705	14	9.734 819	18	0.265 181	9.943 886	4	497	
		14		18			4		19
504	9.678 719		9.734 837		0.265 163	9.943 882		496	1 1.9
505	9.678 733	14	9.734 855	18	0.265 145	9.943 878	4	495	2 3.8
506	9.678 747	14	9.734 873	18	0.265 127	9.943 874	4	494	3 5.7
		14		18			4		4 7.6
507	9.678 761		9.734 891		0.265 109	9.943 870		493	5 9.5
508	9.678 775	14	9.734 909	18	0.265 091	9.943 866	4	492	6 11.4
509	9.678 789	14	9.734 927	18	0.265 073	9.943 861	5	491	7 13.3
		13		18			4		8 15.2
.510	9.678 802		9.734 945		0.265 055	9.943 857		.490	9 17.1
		14		18			4		
511	9.678 816		9.734 963		0.265 037	9.943 853		489	
512	9.678 830	14	9.734 981	18	0.265 019	9.943 849	4	488	
513	9.678 844	14	9.734 999	18	0.265 001	9.943 845	4	487	
		14		18			4		
514	9.678 858		9.735 017		0.264 983	9.943 841		486	
515	9.678 872	14	9.735 035	18	0.264 965	9.943 837	4	485	18
516	9.678 886	14	9.735 054	19	0.264 946	9.943 833	4	484	
		14		18			4		1 1.8
517	9.678 900		9.735 072		0.264 928	9.943 829		483	2 3.6
518	9.678 914	14	9.735 090	18	0.264 910	9.943 824	5	482	3 5.4
519	9.678 928	14	9.735 108	18	0.264 892	9.943 820	4	481	4 7.2
		14		18			4		5 9.0
.520	9.678 942		9.735 126		0.264 874	9.943 816		.480	6 10.8
		14		18			4		7 12.6
521	9.678 956		9.735 144		0.264 856	9.943 812		479	8 14.4
522	9.678 970	14	9.735 162	18	0.264 838	9.943 808	4	478	9 16.2
523	9.678 984	14	9.735 180	18	0.264 820	9.943 804	4	477	
		14		18			4		
524	9.678 998		9.735 198		0.264 802	9.943 800		476	
525	9.679 012	14	9.735 216	18	0.264 784	9.943 796	4	475	
526	9.679 026	14	9.735 234	18	0.264 766	9.943 791	5	474	
		14		18			4		
527	9.679 040		9.735 252		0.264 748	9.943 787		473	14
528	9.679 054	14	9.735 270	18	0.264 730	9.943 783	4	472	
529	9.679 068	14	9.735 288	18	0.264 712	9.943 779	4	471	1 1.4
		13		18			4		2 2.8
.530	9.679 081		9.735 306		0.264 694	9.943 775		.470	3 4.2
		14		19			4		4 5.6
531	9.679 095		9.735 325		0.264 675	9.943 771		469	5 7.0
532	9.679 109	14	9.735 343	18	0.264 657	9.943 767	4	468	6 8.4
533	9.679 123	14	9.735 361	18	0.264 639	9.943 763	4	467	7 9.8
		14		18			5		8 11.2
534	9.679 137		9.735 379		0.264 621	9.943 758		466	9 12.6
535	9.679 151	14	9.735 397	18	0.264 603	9.943 754	4	465	
536	9.679 165	14	9.735 415	18	0.264 585	9.943 750	4	464	
		14		18			4		
537	9.679 179		9.735 433		0.264 567	9.943 746		463	
538	9.679 193	14	9.735 451	18	0.264 549	9.943 742	4	462	
539	9.679 207	14	9.735 469	18	0.264 531	9.943 738	4	461	13
		14		18			4		
.540	9.679 221		9.735 487		0.264 513	9.943 734		.460	1 1.3
		14		18			4		2 2.6
541	9.679 235		9.735 505		0.264 495	9.943 730		459	3 3.9
542	9.679 249	14	9.735 523	18	0.264 477	9.943 726	4	458	4 5.2
543	9.679 263	14	9.735 541	18	0.264 459	9.943 721	5	457	5 6.5
		14		18			4		6 7.8
544	9.679 277		9.735 559		0.264 441	9.943 717		456	7 9.1
545	9.679 291	14	9.735 577	18	0.264 423	9.943 713	4	455	8 10.4
546	9.679 304	13	9.735 595	18	0.264 405	9.943 709	4	454	9 11.7
		14		19			4		
547	9.679 318		9.735 614		0.264 386	9.943 705		453	
548	9.679 332	14	9.735 632	18	0.264 368	9.943 701	4	452	
549	9.679 346	14	9.735 650	18	0.264 350	9.943 697	4	451	
		14		18			4		
.550	9.679 360		9.735 668		0.264 332	9.943 693		.450	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.500 — 61°.450

28°.550 — 28°.600

28°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.679 360		9.735 668		0.264 332	9.943 693		**.450**	
		14		18			5		
551	9.679 374		9.735 686		0.264 314	9.943 688		449	
552	9.679 388	14	9.735 704	18	0.264 296	9.943 684	4	448	
553	9.679 402	14	9.735 722	18	0.264 278	9.943 680	4	447	
		14		18			4		19
554	9.679 416		9.735 740		0.264 260	9.943 676		446	1 1.9
555	9.679 430	14	9.735 758	18	0.264 242	9.943 672	4	445	2 3.8
556	9.679 444	14	9.735 776	18	0.264 224	9.943 668	4	444	3 5.7
		14		18			4		4 7.6
557	9.679 458		9.735 794		0.264 206	9.943 664		443	5 9.5
558	9.679 472	14	9.735 812	18	0.264 188	9.943 660	4	442	6 11.4
559	9.679 486	14	9.735 830	18	0.264 170	9.943 655	5	441	7 13.3
		13		18			4		8 15.2
.560	9.679 499		9.735 848		0.264 152	9.943 651		**.440**	9 17.1
		14		18			4		
561	9.679 513		9.735 866		0.264 134	9.943 647		439	
562	9.679 527	14	9.735 884	18	0.264 116	9.943 643	4	438	
563	9.679 541	14	9.735 902	18	0.264 098	9.943 639	4	437	
		14		18			4		
564	9.679 555		9.735 920		0.264 080	9.943 635		436	
565	9.679 569	14	9.735 938	18	0.264 062	9.943 631	4	435	18
566	9.679 583	14	9.735 957	19	0.264 043	9.943 627	4	434	
		14		18			5		1 1.8
567	9.679 597		9.735 975		0.264 025	9.943 622		433	2 3.6
568	9.679 611	14	9.735 993	18	0.264 007	9.943 618	4	432	3 5.4
569	9.679 625	14	9.736 011	18	0.263 989	9.943 614	4	431	4 7.2
		14		18			4		5 9.0
.570	9.679 639		9.736 029		0.263 971	9.943 610		**.430**	6 10.8
		14		18			4		7 12.6
571	9.679 653		9.736 047		0.263 953	9.943 606		429	8 14.4
572	9.679 667	14	9.736 065	18	0.263 935	9.943 602	4	428	9 16.2
573	9.679 680	13	9.736 083	18	0.263 917	9.943 598	4	427	
		14		18			5		
574	9.679 694		9.736 101		0.263 899	9.943 593		426	
575	9.679 708	14	9.736 119	18	0.263 881	9.943 589	4	425	
576	9.679 722	14	9.736 137	18	0.263 863	9.943 585	4	424	
		14		18			4		
577	9.679 736		9.736 155		0.263 845	9.943 581		423	14
578	9.679 750	14	9.736 173	18	0.263 827	9.943 577	4	422	1 1.4
579	9.679 764	14	9.736 191	18	0.263 809	9.943 573	4	421	2 2.8
		14		18			4		3 4.2
.580	9.679 778		9.736 209		0.263 791	9.943 569		**.420**	4 5.6
		14		18			4		5 7.0
581	9.679 792		9.736 227		0.263 773	9.943 565		419	6 8.4
582	9.679 806	14	9.736 245	18	0.263 755	9.943 560	5	418	7 9.8
583	9.679 820	14	9.736 263	18	0.263 737	9.943 556	4	417	8 11.2
		14		18			4		9 12.6
584	9.679 834		9.736 281		0.263 719	9.943 552		416	
585	9.679 847	13	9.736 299	18	0.263 701	9.943 548	4	415	
586	9.679 861	14	9.736 317	18	0.263 683	9.943 544	4	414	
		14		18			4		
587	9.679 875		9.736 335		0.263 665	9.943 540		413	
588	9.679 889	14	9.736 353	18	0.263 647	9.943 536	4	412	
589	9.679 903	14	9.736 372	19	0.263 628	9.943 532	4	411	13
		14		18			5		
.590	9.679 917		9.736 390		0.263 610	9.943 527		**.410**	1 1.3
		14		18			4		2 2.6
591	9.679 931		9.736 408		0.263 592	9.943 523		409	3 3.9
592	9.679 945	14	9.736 426	18	0.263 574	9.943 519	4	408	4 5.2
593	9.679 959	14	9.736 444	18	0.263 556	9.943 515	4	407	5 6.5
		14		18			4		6 7.8
594	9.679 973		9.736 462		0.263 538	9.943 511		406	7 9.1
595	9.679 987	14	9.736 480	18	0.263 520	9.943 507	4	405	8 10.4
596	9.680 000	13	9.736 498	18	0.263 502	9.943 503	4	404	9 11.7
		14		18			5		
597	9.680 014		9.736 516		0.263 484	9.943 498		403	
598	9.680 028	14	9.736 534	18	0.263 466	9.943 494	4	402	
599	9.680 042	14	9.736 552	18	0.263 448	9.943 490	4	401	
		14		18			4		
.600	9.680 056		9.736 570		0.263 430	9.943 486		**.400**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

61°.450 — 61°.400

28°.600 — 28°.650

28°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.680 056		9.736 570		0.263 430	9.943 486		**.400**	
		14		18			4		
601	9.680 070		9.736 588		0.263 412	9.943 482		399	
602	9.680 084	14	9.736 606	18	0.263 394	9.943 478	4	398	
603	9.680 098	14	9.736 624	18	0.263 376	9.943 474	4	397	
		14		18			4		19
604	9.680 112		9.736 642		0.263 358	9.943 470		396	1 1.9
605	9.680 126	14	9.736 660	18	0.263 340	9.943 465	5	395	2 3.8
606	9.680 139	13	9.736 678	18	0.263 322	9.943 461	4	394	3 5.7
		14		18			4		4 7.6
607	9.680 153		9.736 696		0.263 304	9.943 457		393	5 9.5
608	9.680 167	14	9.736 714	18	0.263 286	9.943 453	4	392	6 11.4
609	9.680 181	14	9.736 732	18	0.263 268	9.943 449	4	391	7 13.3
		14		18			4		8 15.2
.610	9.680 195		9.736 750		0.263 250	9.943 445		**.390**	9 17.1
		14		18			4		
611	9.680 209		9.736 768		0.263 232	9.943 441		389	
612	9.680 223	14	9.736 786	18	0.263 214	9.943 436	5	388	
613	9.680 237	14	9.736 804	18	0.263 196	9.943 432	4	387	
		14		18			4		
614	9.680 251		9.736 822		0.263 178	9.943 428		386	
615	9.680 265	14	9.736 840	18	0.263 160	9.943 424	4	385	18
616	9.680 278	13	9.736 858	18	0.263 142	9.943 420	4	384	
		14		18			4		1 1.8
617	9.680 292		9.736 876		0.263 124	9.943 416		383	2 3.6
618	9.680 306	14	9.736 895	19	0.263 105	9.943 412	4	382	3 5.4
619	9.680 320	14	9.736 913	18	0.263 087	9.943 408	4	381	4 7.2
		14		18			5		5 9.0
.620	9.680 334		9.736 931		0.263 069	9.943 403		**.380**	6 10.8
		14		18			4		7 12.6
621	9.680 348		9.736 949		0.263 051	9.943 399		379	8 14.4
622	9.680 362	14	9.736 967	18	0.263 033	9.943 395	4	378	9 16.2
623	9.680 376	14	9.736 985	18	0.263 015	9.943 391	4	377	
		14		18			4		
624	9.680 390		9.737 003		0.262 997	9.943 387		376	
625	9.680 403	13	9.737 021	18	0.262 979	9.943 383	4	375	
626	9.680 417	14	9.737 039	18	0.262 961	9.943 379	4	374	
		14		18			5		
627	9.680 431		9.737 057		0.262 943	9.943 374		373	14
628	9.680 445	14	9.737 075	18	0.262 925	9.943 370	4	372	
629	9.680 459	14	9.737 093	18	0.262 907	9.943 366	4	371	1 1.4
		14		18			4		2 2.8
.630	9.680 473		9.737 111		0.262 889	9.943 362		**.370**	3 4.2
		14		18			4		4 5.6
631	9.680 487		9.737 129		0.262 871	9.943 358		369	5 7.0
632	9.680 501	14	9.737 147	18	0.262 853	9.943 354	4	368	6 8.4
633	9.680 515	14	9.737 165	18	0.262 835	9.943 350	4	367	7 9.8
		13		18			5		8 11.2
634	9.680 528		9.737 183		0.262 817	9.943 345		366	9 12.6
635	9.680 542	14	9.737 201	18	0.262 799	9.943 341	4	365	
636	9.680 556	14	9.737 219	18	0.262 781	9.943 337	4	364	
		14		18			4		
637	9.680 570		9.737 237		0.262 763	9.943 333		363	
638	9.680 584	14	9.737 255	18	0.262 745	9.943 329	4	362	
639	9.680 598	14	9.737 273	18	0.262 727	9.943 325	4	361	13
		14		18			4		
.640	9.680 612		9.737 291		0.262 709	9.943 321		**.360**	1 1.3
		14		18			4		2 2.6
641	9.680 626		9.737 309		0.262 691	9.943 317		359	3 3.9
642	9.680 639	13	9.737 327	18	0.262 673	9.943 312	5	358	4 5.2
643	9.680 653	14	9.737 345	18	0.262 655	9.943 308	4	357	5 6.5
		14		18			4		6 7.8
644	9.680 667		9.737 363		0.262 637	9.943 304		356	7 9.1
645	9.680 681	14	9.737 381	18	0.262 619	9.943 300	4	355	8 10.4
646	9.680 695	14	9.737 399	18	0.262 601	9.943 296	4	354	9 11.7
		14		18			4		
647	9.680 709		9.737 417		0.262 583	9.943 292		353	
648	9.680 723	14	9.737 435	18	0.262 565	9.943 288	4	352	
649	9.680 737	14	9.737 453	18	0.262 547	9.943 283	5	351	
		13		18			4		
.650	9.680 750		9.737 471		0.262 529	9.943 279		**.350**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

61°.400 — 61°.350

28°.650 — 28°.700

28°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.680 750		9.737 471		0.262 529	9.943 279		**.350**	
		14		18			4		
651	9.680 764		9.737 489		0.262 511	9.943 275		349	
652	9.680 778	14	9.737 507	18	0.262 493	9.943 271	4	348	
653	9.680 792	14	9.737 525	18	0.262 475	9.943 267	4	347	
		14		18			4		
654	9.680 806		9.737 543		0.262 457	9.943 263		346	
655	9.680 820	14	9.737 561	18	0.262 439	9.943 259	4	345	
656	9.680 834	14	9.737 579	18	0.262 421	9.943 254	5	344	
		14		18			4		
657	9.680 848		9.737 597		0.262 403	9.943 250		343	
658	9.680 861	13	9.737 615	18	0.262 385	9.943 246	4	342	
659	9.680 875	14	9.737 633	18	0.262 367	9.943 242	4	341	
		14		18			4		
.660	9.680 889		9.737 651		0.262 349	9.943 238		**.340**	
		14		18			4		
661	9.680 903		9.737 669		0.262 331	9.943 234		339	
662	9.680 917	14	9.737 687	18	0.262 313	9.943 230	4	338	
663	9.680 931	14	9.737 705	18	0.262 295	9.943 225	5	337	
		14		18			4		
664	9.680 945		9.737 723		0.262 277	9.943 221		336	
665	9.680 958	13	9.737 741	18	0.262 259	9.943 217	4	335	
666	9.680 972	14	9.737 759	18	0.262 241	9.943 213	4	334	
		14		18			4		
667	9.680 986		9.737 777		0.262 223	9.943 209		333	
668	9.681 000	14	9.737 795	18	0.262 205	9.943 205	4	332	
669	9.681 014	14	9.737 813	18	0.262 187	9.943 201	4	331	
		14		18			5		
.670	9.681 028		9.737 831		0.262 169	9.943 196		**.330**	
		14		18			4		
671	9.681 042		9.737 849		0.262 151	9.943 192		329	
672	9.681 056	14	9.737 867	18	0.262 133	9.943 188	4	328	
673	9.681 069	13	9.737 885	18	0.262 115	9.943 184	4	327	
		14		18			4		
674	9.681 083		9.737 903		0.262 097	9.943 180		326	
675	9.681 097	14	9.737 921	18	0.262 079	9.943 176	4	325	
676	9.681 111	14	9.737 939	18	0.262 061	9.943 172	4	324	
		14		18			5		
677	9.681 125		9.737 957		0.262 043	9.943 167		323	
678	9.681 139	14	9.737 975	18	0.262 025	9.943 163	4	322	
679	9.681 153	14	9.737 993	18	0.262 007	9.943 159	4	321	
		13		18			4		
.680	9.681 166		9.738 011		0.261 989	9.943 155		**.320**	
		14		18			4		
681	9.681 180		9.738 029		0.261 971	9.943 151		319	
682	9.681 194	14	9.738 047	18	0.261 953	9.943 147	4	318	
683	9.681 208	14	9.738 065	18	0.261 935	9.943 142	5	317	
		14		18			4		
684	9.681 222		9.738 083		0.261 917	9.943 138		316	
685	9.681 236	14	9.738 101	18	0.261 899	9.943 134	4	315	
686	9.681 250	14	9.738 119	18	0.261 881	9.943 130	4	314	
		13		18			4		
687	9.681 263		9.738 137		0.261 863	9.943 126		313	
688	9.681 277	14	9.738 155	18	0.261 845	9.943 122	4	312	
689	9.681 291	14	9.738 173	18	0.261 827	9.943 118	4	311	
		14		18			5		
.690	9.681 305		9.738 191		0.261 809	9.943 113		**.310**	
		14		18			4		
691	9.681 319		9.738 209		0.261 791	9.943 109		309	
692	9.681 333	14	9.738 227	18	0.261 773	9.943 105	4	308	
693	9.681 346	13	9.738 245	18	0.261 755	9.943 101	4	307	
		14		18			4		
694	9.681 360		9.738 263		0.261 737	9.943 097		306	
695	9.681 374	14	9.738 281	18	0.261 719	9.943 093	4	305	
696	9.681 388	14	9.738 299	18	0.261 701	9.943 089	4	304	
		14		18			5		
697	9.681 402		9.738 317		0.261 683	9.943 084		303	
698	9.681 416	14	9.738 335	18	0.261 665	9.943 080	4	302	
699	9.681 430	14	9.738 353	18	0.261 647	9.943 076	4	301	
		13		18			4		
.700	9.681 443		9.738 371		0.261 629	9.943 072		**.300**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

61°.350 — 61°.300

28°.700 — 28°.750

28°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.681 443		9.738 371		0.261 629	9.943 072		**.300**	
		14		18			4		
701	9.681 457		9.738 389		0.261 611	9.943 068		299	
702	9.681 471	14	9.738 407	18	0.261 593	9.943 064	4	298	
703	9.681 485	14	9.738 425	18	0.261 575	9.943 060	4	297	
		14		18			5		
704	9.681 499		9.738 443		0.261 557	9.943 055		296	
705	9.681 513	14	9.738 461	18	0.261 539	9.943 051	4	295	
706	9.681 526	13	9.738 479	18	0.261 521	9.943 047	4	294	
		14		18			4		
707	9.681 540		9.738 497		0.261 503	9.943 043		293	
708	9.681 554	14	9.738 515	18	0.261 485	9.943 039	4	292	
709	9.681 568	14	9.738 533	18	0.261 467	9.943 035	4	291	
		14		18			5		
.710	9.681 582		9.738 551		0.261 449	9.943 030		**.290**	
		14		18			4		
711	9.681 596		9.738 569		0.261 431	9.943 026		289	
712	9.681 610	14	9.738 587	18	0.261 413	9.943 022	4	288	
713	9.681 623	13	9.738 605	18	0.261 395	9.943 018	4	287	
		14		18			4		
714	9.681 637		9.738 623		0.261 377	9.943 014		286	
715	9.681 651	14	9.738 641	18	0.261 359	9.943 010	4	285	
716	9.681 665	14	9.738 659	18	0.261 341	9.943 006	4	284	
		14		18			5		
717	9.681 679		9.738 677		0.261 323	9.943 001		283	
718	9.681 693	14	9.738 695	18	0.261 305	9.942 997	4	282	
719	9.681 706	13	9.738 713	18	0.261 287	9.942 993	4	281	
		14		18			4		
.720	9.681 720		9.738 731		0.261 269	9.942 989		**.280**	
		14		18			4		
721	9.681 734		9.738 749		0.261 251	9.942 985		279	
722	9.681 748	14	9.738 767	18	0.261 233	9.942 981	4	278	
723	9.681 762	14	9.738 785	18	0.261 215	9.942 976	5	277	
		14		18			4		
724	9.681 776		9.738 803		0.261 197	9.942 972		276	
725	9.681 789	13	9.738 821	18	0.261 179	9.942 968	4	275	
726	9.681 803	14	9.738 839	18	0.261 161	9.942 964	4	274	
		14		18			4		
727	9.681 817		9.738 857		0.261 143	9.942 960		273	
728	9.681 831	14	9.738 875	18	0.261 125	9.942 956	4	272	
729	9.681 845	14	9.738 893	18	0.261 107	9.942 952	4	271	
		13		18			5		
.730	9.681 858		9.738 911		0.261 089	9.942 947		**.270**	
		14		18			4		
731	9.681 872		9.738 929		0.261 071	9.942 943		269	
732	9.681 886	14	9.738 947	18	0.261 053	9.942 939	4	268	
733	9.681 900	14	9.738 965	18	0.261 035	9.942 935	4	267	
		14		18			4		
734	9.681 914		9.738 983		0.261 017	9.942 931		266	
735	9.681 928	14	9.739 001	18	0.260 999	9.942 927	4	265	
736	9.681 941	13	9.739 019	18	0.260 981	9.942 922	5	264	
		14		18			4		
737	9.681 955		9.739 037		0.260 963	9.942 918		263	
738	9.681 969	14	9.739 055	18	0.260 945	9.942 914	4	262	
739	9.681 983	14	9.739 073	18	0.260 927	9.942 910	4	261	
		14		18			4		
.740	9.681 997		9.739 091		0.260 909	9.942 906		**.260**	
		14		18			4		
741	9.682 011		9.739 109		0.260 891	9.942 902		259	
742	9.682 024	13	9.739 127	18	0.260 873	9.942 898	4	258	
743	9.682 038	14	9.739 145	18	0.260 855	9.942 893	5	257	
		14		18			4		
744	9.682 052		9.739 163		0.260 837	9.942 889		256	
745	9.682 066	14	9.739 181	18	0.260 819	9.942 885	4	255	
746	9.682 080	14	9.739 199	18	0.260 801	9.942 881	4	254	
		13		18			4		
747	9.682 093		9.739 217		0.260 783	9.942 877		253	
748	9.682 107	14	9.739 235	18	0.260 765	9.942 873	4	252	
749	9.682 121	14	9.739 253	18	0.260 747	9.942 868	5	251	
		14		18			4		
.750	9.682 135		9.739 271		0.260 729	9.942 864		**.250**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

61°.300 — 61°.250

28°.750 — 28°.800

28°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.682 135		9.739 271		0.260 729	9.942 864		.250	
		14		18			4		
751	9.682 149		9.739 289		0.260 711	9.942 860		249	
752	9.682 163	14	9.739 307	18	0.260 693	9.942 856	4	248	
753	9.682 176	13	9.739 325	18	0.260 675	9.942 852	4	247	
		14		18			4		18
754	9.682 190		9.739 343		0.260 657	9.942 848		246	1 1.8
755	9.682 204	14	9.739 361	18	0.260 639	9.942 843	5	245	2 3.6
756	9.682 218	14	9.739 379	18	0.260 621	9.942 839	4	244	3 5.4
		14		17			4		4 7.2
757	9.682 232		9.739 396		0.260 604	9.942 835		243	5 9.0
758	9.682 245	13	9.739 414	18	0.260 586	9.942 831	4	242	6 10.8
759	9.682 259	14	9.739 432	18	0.260 568	9.942 827	4	241	7 12.6
		14		18			4		8 14.4
.760	9.682 273		9.739 450		0.260 550	9.942 823		.240	9 16.2
		14		18			4		
761	9.682 287		9.739 468		0.260 532	9.942 819		239	
762	9.682 301	14	9.739 486	18	0.260 514	9.942 814	5	238	
763	9.682 314	13	9.739 504	18	0.260 496	9.942 810	4	237	
		14		18			4		
764	9.682 328		9.739 522		0.260 478	9.942 806		236	
765	9.682 342	14	9.739 540	18	0.260 460	9.942 802	4	235	
766	9.682 356	14	9.739 558	18	0.260 442	9.942 798	4	234	17
		14		18			4		1 1.7
767	9.682 370		9.739 576		0.260 424	9.942 794		233	2 3.4
768	9.682 384	14	9.739 594	18	0.260 406	9.942 789	5	232	3 5.1
769	9.682 397	13	9.739 612	18	0.260 388	9.942 785	4	231	4 6.8
		14		18			4		5 8.5
.770	9.682 411		9.739 630		0.260 370	9.942 781		.230	6 10.2
		14		18			4		7 11.9
771	9.682 425		9.739 648		0.260 352	9.942 777		229	8 13.6
772	9.682 439	14	9.739 666	18	0.260 334	9.942 773	4	228	9 15.3
773	9.682 453	14	9.739 684	18	0.260 316	9.942 769	4	227	
		13		18			5		
774	9.682 466		9.739 702		0.260 298	9.942 764		226	
775	9.682 480	14	9.739 720	18	0.260 280	9.942 760	4	225	
776	9.682 494	14	9.739 738	18	0.260 262	9.942 756	4	224	
		14		18			4		
777	9.682 508		9.739 756		0.260 244	9.942 752		223	14
778	9.682 522	14	9.739 774	18	0.260 226	9.942 748	4	222	1 1.4
779	9.682 535	13	9.739 792	18	0.260 208	9.942 744	4	221	2 2.8
		14		18			5		3 4.2
.780	9.682 549		9.739 810		0.260 190	9.942 739		.220	4 5.6
		14		18			4		5 7.0
781	9.682 563		9.739 828		0.260 172	9.942 735		219	6 8.4
782	9.682 577	14	9.739 846	18	0.260 154	9.942 731	4	218	7 9.8
783	9.682 591	14	9.739 864	18	0.260 136	9.942 727	4	217	8 11.2
		13		18			4		9 12.6
784	9.682 604		9.739 882		0.260 118	9.942 723		216	
785	9.682 618	14	9.739 900	18	0.260 100	9.942 719	4	215	
786	9.682 632	14	9.739 918	18	0.260 082	9.942 714	5	214	
		14		17			4		
787	9.682 646		9.739 935		0.260 065	9.942 710		213	
788	9.682 660	14	9.739 953	18	0.260 047	9.942 706	4	212	
789	9.682 673	13	9.739 971	18	0.260 029	9.942 702	4	211	13
		14		18			4		
.790	9.682 687		9.739 989		0.260 011	9.942 698		.210	1 1.3
		14		18			4		2 2.6
791	9.682 701		9.740 007		0.259 993	9.942 694		209	3 3.9
792	9.682 715	14	9.740 025	18	0.259 975	9.942 689	5	208	4 5.2
793	9.682 729	14	9.740 043	18	0.259 957	9.942 685	4	207	5 6.5
		13		18			4		6 7.8
794	9.682 742		9.740 061		0.259 939	9.942 681		206	7 9.1
795	9.682 756	14	9.740 079	18	0.259 921	9.942 677	4	205	8 10.4
796	9.682 770	14	9.740 097	18	0.259 903	9.942 673	4	204	9 11.7
		14		18			4		
797	9.682 784		9.740 115		0.259 885	9.942 669		203	
798	9.682 797	13	9.740 133	18	0.259 867	9.942 664	5	202	
799	9.682 811	14	9.740 151	18	0.259 849	9.942 660	4	201	
		14		18			4		
.800	9.682 825		9.740 169		0.259 831	9.942 656		.200	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.250 — 61°.200

28°.800 — 28°.850

28°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.682 825		9.740 169		0.259 831	9.942 656		**.200**	
		14		18			4		
801	9.682 839		9.740 187		0.259 813	9.942 652		199	
802	9.682 853	14	9.740 205	18	0.259 795	9.942 648	4	198	
803	9.682 866	13	9.740 223	18	0.259 777	9.942 644	4	197	
		14		18			4		18
804	9.682 880		9.740 241		0.259 759	9.942 639	5	196	1 1.8
805	9.682 894	14	9.740 259	18	0.259 741	9.942 635	4	195	2 3.6
806	9.682 908	14	9.740 277	18	0.259 723	9.942 631	4	194	3 5.4
		14		18			4		4 7.2
807	9.682 922		9.740 295		0.259 705	9.942 627		193	5 9.0
808	9.682 935	13	9.740 313	18	0.259 687	9.942 623	4	192	6 10.8
809	9.682 949	14	9.740 330	17	0.259 670	9.942 619	4	191	7 12.6
		14		18			5		8 14.4
.810	9.682 963		9.740 348		0.259 652	9.942 614		**.190**	9 16.2
		14		18			4		
811	9.682 977		9.740 366		0.259 634	9.942 610		189	
812	9.682 990	13	9.740 384	18	0.259 616	9.942 606	4	188	
813	9.683 004	14	9.740 402	18	0.259 598	9.942 602	4	187	
		14		18			4		
814	9.683 018		9.740 420		0.259 580	9.942 598		186	
815	9.683 032	14	9.740 438	18	0.259 562	9.942 594	4	185	
816	9.683 046	14	9.740 456	18	0.259 544	9.942 589	5	184	17
		13		18			4		1 1.7
817	9.683 059		9.740 474		0.259 526	9.942 585		183	2 3.4
818	9.683 073	14	9.740 492	18	0.259 508	9.942 581	4	182	3 5.1
819	9.683 087	14	9.740 510	18	0.259 490	9.942 577	4	181	4 6.8
		14		18			4		5 8.5
.820	9.683 101		9.740 528		0.259 472	9.942 573		**.180**	6 10.2
		13		18			4		7 11.9
821	9.683 114		9.740 546		0.259 454	9.942 569		179	8 13.6
822	9.683 128	14	9.740 564	18	0.259 436	9.942 564	5	178	9 15.3
823	9.683 142	14	9.740 582	18	0.259 418	9.942 560	4	177	
		14		18			4		
824	9.683 156		9.740 600		0.259 400	9.942 556		176	
825	9.683 170	14	9.740 618	18	0.259 382	9.942 552	4	175	
826	9.683 183	13	9.740 636	18	0.259 364	9.942 548	4	174	
		14		18			4		
827	9.683 197		9.740 654		0.259 346	9.942 544		173	14
828	9.683 211	14	9.740 671	17	0.259 329	9.942 539	5	172	1 1.4
829	9.683 225	14	9.740 689	18	0.259 311	9.942 535	4	171	2 2.8
		13		18			4		3 4.2
.830	9.683 238		9.740 707		0.259 293	9.942 531		**.170**	4 5.6
		14		18			4		5 7.0
831	9.683 252		9.740 725		0.259 275	9.942 527		169	6 8.4
832	9.683 266	14	9.740 743	18	0.259 257	9.942 523	4	168	7 9.8
833	9.683 280	14	9.740 761	18	0.259 239	9.942 519	4	167	8 11.2
		13		18			5		9 12.6
834	9.683 293		9.740 779		0.259 221	9.942 514		166	
835	9.683 307	14	9.740 797	18	0.259 203	9.942 510	4	165	
836	9.683 321	14	9.740 815	18	0.259 185	9.942 506	4	164	
		14		18			4		
837	9.683 335		9.740 833		0.259 167	9.942 502		163	
838	9.683 349	14	9.740 851	18	0.259 149	9.942 498	4	162	
839	9.683 362	13	9.740 869	18	0.259 131	9.942 493	5	161	13
		14		18			4		
.840	9.683 376		9.740 887		0.259 113	9.942 489		**.160**	1 1.3
		14		18			4		2 2.6
841	9.683 390		9.740 905		0.259 095	9.942 485		159	3 3.9
842	9.683 404	14	9.740 923	18	0.259 077	9.942 481	4	158	4 5.2
843	9.683 417	13	9.740 941	18	0.259 059	9.942 477	4	157	5 6.5
		14		18			4		6 7.8
844	9.683 431		9.740 959		0.259 041	9.942 473		156	7 9.1
845	9.683 445	14	9.740 976	17	0.259 024	9.942 468	5	155	8 10.4
846	9.683 459	14	9.740 994	18	0.259 006	9.942 464	4	154	9 11.7
		13		18			4		
847	9.683 472		9.741 012		0.258 988	9.942 460		153	
848	9.683 486	14	9.741 030	18	0.258 970	9.942 456	4	152	
849	9.683 500	14	9.741 048	18	0.258 952	9.942 452	4	151	
		14		18			4		
.850	9.683 514		9.741 066		0.258 934	9.942 448		**.150**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

61°.200 — 61°.150

28°.850 — 28°.900

28°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.683 514		9.741 066		0.258 934	9.942 448		**.150**	
		13		18			5		
851	9.683 527		9.741 084		0.258 916	9.942 443		149	
852	9.683 541	14	9.741 102	18	0.258 898	9.942 439	4	148	
853	9.683 555	14	9.741 120	18	0.258 880	9.942 435	4	147	
		14		18			4		18
854	9.683 569		9.741 138		0.258 862	9.942 431		146	1 1.8
855	9.683 582	13	9.741 156	18	0.258 844	9.942 427	4	145	2 3.6
856	9.683 596	14	9.741 174	18	0.258 826	9.942 422	5	144	3 5.4
		14		18			4		4 7.2
857	9.683 610		9.741 192		0.258 808	9.942 418		143	5 9.0
858	9.683 624	14	9.741 210	18	0.258 790	9.942 414	4	142	6 10.8
859	9.683 638	14	9.741 228	18	0.258 772	9.942 410	4	141	7 12.6
		13		17			4		8 14.4
.860	9.683 651		9.741 245		0.258 755	9.942 406		**.140**	9 16.2
		14		18			4		
861	9.683 665		9.741 263		0.258 737	9.942 402		139	
862	9.683 679	14	9.741 281	18	0.258 719	9.942 397	5	138	
863	9.683 693	14	9.741 299	18	0.258 701	9.942 393	4	137	
		13		18			4		
864	9.683 706		9.741 317		0.258 683	9.942 389		136	
865	9.683 720	14	9.741 335	18	0.258 665	9.942 385	4	135	
866	9.683 734	14	9.741 353	18	0.258 647	9.942 381	4	134	17
		14		18			4		1 1.7
867	9.683 748		9.741 371		0.258 629	9.942 377		133	2 3.4
868	9.683 761	13	9.741 389	18	0.258 611	9.942 372	5	132	3 5.1
869	9.683 775	14	9.741 407	18	0.258 593	9.942 368	4	131	4 6.8
		14		18			4		5 8.5
.870	9.683 789		9.741 425		0.258 575	9.942 364		**.130**	6 10.2
		14		18			4		7 11.9
871	9.683 803		9.741 443		0.258 557	9.942 360		129	8 13.6
872	9.683 816	13	9.741 461	18	0.258 539	9.942 356	4	128	9 15.3
873	9.683 830	14	9.741 479	18	0.258 521	9.942 351	5	127	
		14		17			4		
874	9.683 844		9.741 496	18	0.258 504	9.942 347		126	
875	9.683 858	14	9.741 514	18	0.258 486	9.942 343	4	125	
876	9.683 871	13	9.741 532	18	0.258 468	9.942 339	4	124	
		14		18			4		
877	9.683 885		9.741 550		0.258 450	9.942 335		123	14
878	9.683 899	14	9.741 568	18	0.258 432	9.942 331	4	122	1 1.4
879	9.683 912	13	9.741 586	18	0.258 414	9.942 326	5	121	2 2.8
		14		18			4		3 4.2
.880	9.683 926		9.741 604		0.258 396	9.942 322		**.120**	4 5.6
		14		18			4		5 7.0
881	9.683 940		9.741 622		0.258 378	9.942 318		119	6 8.4
882	9.683 954	14	9.741 640	18	0.258 360	9.942 314	4	118	7 9.8
883	9.683 967	13	9.741 658	18	0.258 342	9.942 310	4	117	8 11.2
		14		18			5		9 12.6
884	9.683 981		9.741 676		0.258 324	9.942 305		116	
885	9.683 995	14	9.741 694	18	0.258 306	9.942 301	4	115	
886	9.684 009	14	9.741 712	18	0.258 288	9.942 297	4	114	
		13		17			4		
887	9.684 022		9.741 729	18	0.258 271	9.942 293		113	
888	9.684 036	14	9.741 747	18	0.258 253	9.942 289	4	112	
889	9.684 050	14	9.741 765	18	0.258 235	9.942 285	4	111	13
		14		18			5		
.890	9.684 064		9.741 783		0.258 217	9.942 280		**.110**	1 1.3
		13		18			4		2 2.6
891	9.684 077		9.741 801		0.258 199	9.942 276		109	3 3.9
892	9.684 091	14	9.741 819	18	0.258 181	9.942 272	4	108	4 5.2
893	9.684 105	14	9.741 837	18	0.258 163	9.942 268	4	107	5 6.5
		14		18			4		6 7.8
894	9.684 119		9.741 855		0.258 145	9.942 264		106	7 9.1
895	9.684 132	13	9.741 873	18	0.258 127	9.942 259	5	105	8 10.4
896	9.684 146	14	9.741 891	18	0.258 109	9.942 255	4	104	9 11.7
		14		18			4		
897	9.684 160		9.741 909		0.258 091	9.942 251		103	
898	9.684 174	14	9.741 927	18	0.258 073	9.942 247	4	102	
899	9.684 187	13	9.741 944	17	0.258 056	9.942 243	4	101	
		14		18			4		
.900	9.684 201		9.741 962		0.258 038	9.942 239		**.100**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

61°.150 — 61°.100

28°.900 — 28°.950

28°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.684 201		9.741 962		0.258 038	9.942 239		.100	
		14		18			5		
901	9.684 215		9.741 980		0.258 020	9.942 234		099	
902	9.684 228	13	9.741 998	18	0.258 002	9.942 230	4	098	
903	9.684 242	14	9.742 016	18	0.257 984	9.942 226	4	097	
		14		18			4		18
904	9.684 256		9.742 034		0.257 966	9.942 222		096	1 1.8
905	9.684 270	14	9.742 052	18	0.257 948	9.942 218	4	095	2 3.6
906	9.684 283	13	9.742 070	18	0.257 930	9.942 213	5	094	3 5.4
		14		18			4		4 7.2
907	9.684 297		9.742 088		0.257 912	9.942 209		093	5 9.0
908	9.684 311	14	9.742 106	18	0.257 894	9.942 205	4	092	6 10.8
909	9.684 325	14	9.742 124	18	0.257 876	9.942 201	4	091	7 12.6
		13		18			4		8 14.4
.910	9.684 338		9.742 142		0.257 858	9.942 197		.090	9 16.2
		14		17			4		
911	9.684 352		9.742 159		0.257 841	9.942 193		089	
912	9.684 366	14	9.742 177	18	0.257 823	9.942 188	5	088	
913	9.684 379	13	9.742 195	18	0.257 805	9.942 184	4	087	
		14		18			4		
914	9.684 393		9.742 213		0.257 787	9.942 180		086	
915	9.684 407	14	9.742 231	18	0.257 769	9.942 176	4	085	
916	9.684 421	14	9.742 249	18	0.257 751	9.942 172	4	084	17
		13		18			5		1 1.7
917	9.684 434		9.742 267		0.257 733	9.942 167		083	2 3.4
918	9.684 448	14	9.742 285	18	0.257 715	9.942 163	4	082	3 5.1
919	9.684 462	14	9.742 303	18	0.257 697	9.942 159	4	081	4 6.8
		13		18			4		5 8.5
.920	9.684 475		9.742 321		0.257 679	9.942 155		.080	6 10.2
		14		18			4		7 11.9
921	9.684 489		9.742 339		0.257 661	9.942 151		079	8 13.6
922	9.684 503	14	9.742 356	17	0.257 644	9.942 146	5	078	9 15.3
923	9.684 517	14	9.742 374	18	0.257 626	9.942 142	4	077	
		13		18			4		
924	9.684 530		9.742 392		0.257 608	9.942 138		076	
925	9.684 544	14	9.742 410	18	0.257 590	9.942 134	4	075	
926	9.684 558	14	9.742 428	18	0.257 572	9.942 130	4	074	
		13		18			4		
927	9.684 571		9.742 446		0.257 554	9.942 126		073	14
928	9.684 585	14	9.742 464	18	0.257 536	9.942 121	5	072	
929	9.684 599	14	9.742 482	18	0.257 518	9.942 117	4	071	1 1.4
		14		18			4		2 2.8
.930	9.684 613		9.742 500		0.257 500	9.942 113		.070	3 4.2
		13		18			4		4 5.6
931	9.684 626		9.742 518		0.257 482	9.942 109		069	5 7.0
932	9.684 640	14	9.742 535	17	0.257 465	9.942 105	4	068	6 8.4
933	9.684 654	14	9.742 553	18	0.257 447	9.942 100	5	067	7 9.8
		13		18			4		8 11.2
934	9.684 667		9.742 571		0.257 429	9.942 096		066	9 12.6
935	9.684 681	14	9.742 589	18	0.257 411	9.942 092	4	065	
936	9.684 695	14	9.742 607	18	0.257 393	9.942 088	4	064	
		14		18			4		
937	9.684 709		9.742 625		0.257 375	9.942 084		063	
938	9.684 722	13	9.742 643	18	0.257 357	9.942 079	5	062	
939	9.684 736	14	9.742 661	18	0.257 339	9.942 075	4	061	13
		14		18			4		
.940	9.684 750		9.742 679		0.257 321	9.942 071		.060	1 1.3
		13		18			4		2 2.6
941	9.684 763		9.742 697		0.257 303	9.942 067		059	3 3.9
942	9.684 777	14	9.742 715	18	0.257 285	9.942 063	4	058	4 5.2
943	9.684 791	14	9.742 732	17	0.257 268	9.942 058	5	057	5 6.5
		14		18			4		6 7.8
944	9.684 805		9.742 750		0.257 250	9.942 054		056	7 9.1
945	9.684 818	13	9.742 768	18	0.257 232	9.942 050	4	055	8 10.4
946	9.684 832	14	9.742 786	18	0.257 214	9.942 046	4	054	9 11.7
		14		18			4		
947	9.684 846		9.742 804		0.257 196	9.942 042		053	
948	9.684 859	13	9.742 822	18	0.257 178	9.942 038	4	052	
949	9.684 873	14	9.742 840	18	0.257 160	9.942 033	5	051	
		14		18			4		
.950	9.684 887		9.742 858		0.257 142	9.942 029		.050	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.100 — 61°.050

28°.950 — 29°.000

28°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.684 887		9.742 858		0.257 142	9.942 029		**.050**	
		14		18			4		
951	9.684 901		9.742 876		0.257 124	9.942 025		049	
952	9.684 914	13	9.742 893	17	0.257 107	9.942 021	4	048	
953	9.684 928	14	9.742 911	18	0.257 089	9.942 017	4	047	
		14		18			5		18
954	9.684 942		9.742 929		0.257 071	9.942 012		046	1 1.8
955	9.684 955	13	9.742 947	18	0.257 053	9.942 008	4	045	2 3.6
956	9.684 969	14	9.742 965	18	0.257 035	9.942 004	4	044	3 5.4
		14		18			4		4 7.2
957	9.684 983		9.742 983		0.257 017	9.942 000		043	5 9.0
958	9.684 996	13	9.743 001	18	0.256 999	9.941 996	4	042	6 10.8
959	9.685 010	14	9.743 019	18	0.256 981	9.941 991	5	041	7 12.6
		14		18			4		8 14.4
.960	9.685 024		9.743 037		0.256 963	9.941 987		**.040**	9 16.2
		13		18			4		
961	9.685 037		9.743 055		0.256 945	9.941 983		039	
962	9.685 051	14	9.743 072	17	0.256 928	9.941 979	4	038	
963	9.685 065	14	9.743 090	18	0.256 910	9.941 975	4	037	
		14		18			5		
964	9.685 079		9.743 108		0.256 892	9.941 970		036	
965	9.685 092	13	9.743 126	18	0.256 874	9.941 966	4	035	17
966	9.685 106	14	9.743 144	18	0.256 856	9.941 962	4	034	
		14		18			4		1 1.7
967	9.685 120		9.743 162		0.256 838	9.941 958		033	2 3.4
968	9.685 133	13	9.743 180	18	0.256 820	9.941 954	4	032	3 5.1
969	9.685 147	14	9.743 198	18	0.256 802	9.941 949	5	031	4 6.8
		14		18			4		5 8.5
.970	9.685 161		9.743 216		0.256 784	9.941 945		**.030**	6 10.2
		13		17			4		7 11.9
971	9.685 174		9.743 233		0.256 767	9.941 941		029	8 13.6
972	9.685 188	14	9.743 251	18	0.256 749	9.941 937	4	028	9 15.3
973	9.685 202	14	9.743 269	18	0.256 731	9.941 933	4	027	
		14		18			5		
974	9.685 216		9.743 287		0.256 713	9.941 928		026	
975	9.685 229	13	9.743 305	18	0.256 695	9.941 924	4	025	
976	9.685 243	14	9.743 323	18	0.256 677	9.941 920	4	024	
		14		18			4		
977	9.685 257		9.743 341		0.256 659	9.941 916		023	14
978	9.685 270	13	9.743 359	18	0.256 641	9.941 912	4	022	
979	9.685 284	14	9.743 376	17	0.256 624	9.941 907	5	021	1 1.4
		14		18			4		2 2.8
.980	9.685 298		9.743 394		0.256 606	9.941 903		**.020**	3 4.2
		13		18			4		4 5.6
981	9.685 311		9.743 412		0.256 588	9.941 899		019	5 7.0
982	9.685 325	14	9.743 430	18	0.256 570	9.941 895	4	018	6 8.4
983	9.685 339	14	9.743 448	18	0.256 552	9.941 891	4	017	7 9.8
		13		18			5		8 11.2
984	9.685 352		9.743 466		0.256 534	9.941 886		016	9 12.6
985	9.685 366	14	9.743 484	18	0.256 516	9.941 882	4	015	
986	9.685 380	14	9.743 502	18	0.256 498	9.941 878	4	014	
		13		18			4		
987	9.685 393		9.743 520		0.256 480	9.941 874		013	
988	9.685 407	14	9.743 537	17	0.256 463	9.941 870	4	012	
989	9.685 421	14	9.743 555	18	0.256 445	9.941 865	5	011	13
		13		18			4		
.990	9.685 434		9.743 573		0.256 427	9.941 861		**.010**	1 1.3
		14		18			4		2 2.6
991	9.685 448		9.743 591		0.256 409	9.941 857		009	3 3.9
992	9.685 462	14	9.743 609	18	0.256 391	9.941 853	4	008	4 5.2
993	9.685 475	13	9.743 627	18	0.256 373	9.941 849	4	007	5 6.5
		14		18			5		6 7.8
994	9.685 489		9.743 645		0.256 355	9.941 844		006	7 9.1
995	9.685 503	14	9.743 663	18	0.256 337	9.941 840	4	005	8 10.4
996	9.685 517	14	9.743 680	17	0.256 320	9.941 836	4	004	9 11.7
		13		18			4		
997	9.685 530		9.743 698		0.256 302	9.941 832		003	
998	9.685 544	14	9.743 716	18	0.256 284	9.941 828	4	002	
999	9.685 558	14	9.743 734	18	0.256 266	9.941 823	5	001	
		13		18			4		
***000**	9.685 571		9.743 752		0.256 248	9.941 819		**.000**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

61°.050 — 61°.000

29°.000 — 29°.050

29°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.685 571		9.743 752		0.256 248	9.941 819		*000	
		14		18			4		
001	9.685 585		9.743 770		0.256 230	9.941 815		999	
002	9.685 599	14	9.743 788	18	0.256 212	9.941 811	4	998	
003	9.685 612	13	9.743 806	18	0.256 194	9.941 807	4	997	
		14		17			5		18
004	9.685 626		9.743 823		0.256 177	9.941 802		996	1 1.8
005	9.685 640	14	9.743 841	18	0.256 159	9.941 798	4	995	2 3.6
006	9.685 653	13	9.743 859	18	0.256 141	9.941 794	4	994	3 5.4
		14		18			4		4 7.2
007	9.685 667		9.743 877		0.256 123	9.941 790		993	5 9.0
008	9.685 681	14	9.743 895	18	0.256 105	9.941 786	4	992	6 10.8
009	9.685 694	13	9.743 913	18	0.256 087	9.941 781	5	991	7 12.6
		14		18			4		8 14.4
.010	9.685 708		9.743 931		0.256 069	9.941 777		.990	9 16.2
		14		18			4		
011	9.685 722		9.743 949		0.256 051	9.941 773		989	
012	9.685 735	13	9.743 966	17	0.256 034	9.941 769	4	988	
013	9.685 749	14	9.743 984	18	0.256 016	9.941 765	4	987	
		14		18			5		
014	9.685 763		9.744 002		0.255 998	9.941 760		986	
015	9.685 776	13	9.744 020	18	0.255 980	9.941 756	4	985	17
016	9.685 790	14	9.744 038	18	0.255 962	9.941 752	4	984	
		14		18			4		1 1.7
017	9.685 804		9.744 056		0.255 944	9.941 748		983	2 3.4
018	9.685 817	13	9.744 074	18	0.255 926	9.941 744	4	982	3 5.1
019	9.685 831	14	9.744 092	18	0.255 908	9.941 739	5	981	4 6.8
		14		17			4		5 8.5
.020	9.685 845		9.744 109		0.255 891	9.941 735		.980	6 10.2
		13		18			4		7 11.9
021	9.685 858		9.744 127		0.255 873	9.941 731		979	8 13.6
022	9.685 872	14	9.744 145	18	0.255 855	9.941 727	4	978	9 15.3
023	9.685 886	14	9.744 163	18	0.255 837	9.941 723	4	977	
		13		18			5		
024	9.685 899		9.744 181		0.255 819	9.941 718		976	
025	9.685 913	14	9.744 199	18	0.255 801	9.941 714	4	975	
026	9.685 927	14	9.744 217	18	0.255 783	9.941 710	4	974	
		13		17			4		14
027	9.685 940		9.744 234		0.255 766	9.941 706		973	
028	9.685 954	14	9.744 252	18	0.255 748	9.941 702	4	972	1 1.4
029	9.685 968	14	9.744 270	18	0.255 730	9.941 697	5	971	2 2.8
		13		18			4		3 4.2
.030	9.685 981		9.744 288		0.255 712	9.941 693		.970	4 5.6
		14		18			4		5 7.0
031	9.685 995		9.744 306		0.255 694	9.941 689		969	6 8.4
032	9.686 009	14	9.744 324	18	0.255 676	9.941 685	4	968	7 9.8
033	9.686 022	13	9.744 342	18	0.255 658	9.941 681	4	967	8 11.2
		14		18			5		9 12.6
034	9.686 036		9.744 360		0.255 640	9.941 676		966	
035	9.686 049	13	9.744 377	17	0.255 623	9.941 672	4	965	
036	9.686 063	14	9.744 395	18	0.255 605	9.941 668	4	964	
		14		18			4		
037	9.686 077		9.744 413		0.255 587	9.941 664		963	
038	9.686 090	13	9.744 431	18	0.255 569	9.941 659	5	962	13
039	9.686 104	14	9.744 449	18	0.255 551	9.941 655	4	961	
		14		18			4		
.040	9.686 118		9.744 467		0.255 533	9.941 651		.960	1 1.3
		13		18			4		2 2.6
041	9.686 131		9.744 485		0.255 515	9.941 647		959	3 3.9
042	9.686 145	14	9.744 502	17	0.255 498	9.941 643	4	958	4 5.2
043	9.686 159	14	9.744 520	18	0.255 480	9.941 638	5	957	5 6.5
		13		18			4		6 7.8
044	9.686 172		9.744 538		0.255 462	9.941 634		956	7 9.1
045	9.686 186	14	9.744 556	18	0.255 444	9.941 630	4	955	8 10.4
046	9.686 200	14	9.744 574	18	0.255 426	9.941 626	4	954	9 11.7
		13		18			4		
047	9.686 213		9.744 592		0.255 408	9.941 622		953	
048	9.686 227	14	9.744 610	18	0.255 390	9.941 617	5	952	
049	9.686 241	14	9.744 627	17	0.255 373	9.941 613	4	951	
		13		18			4		
.050	9.686 254		9.744 645		0.255 355	9.941 609		.950	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

61°.000 — 60°.950

29°.050 — 29°.100

29°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.686 254		9.744 645		0.255 355	9.941 609		.950	
		14		18			4		
051	9.686 268		9.744 663		0.255 337	9.941 605		949	
052	9.686 282	14	9.744 681	18	0.255 319	9.941 601	4	948	
053	9.686 295	13	9.744 699	18	0.255 301	9.941 596	5	947	
		14		18			4		18
054	9.686 309		9.744 717		0.255 283	9.941 592		946	1 1.8
055	9.686 322	13	9.744 735	18	0.255 265	9.941 588	4	945	2 3.6
056	9.686 336	14	9.744 752	17	0.255 248	9.941 584	4	944	3 5.4
		14		18			5		4 7.2
057	9.686 350		9.744 770		0.255 230	9.941 579		943	5 9.0
058	9.686 363	13	9.744 788	18	0.255 212	9.941 575	4	942	6 10.8
059	9.686 377	14	9.744 806	18	0.255 194	9.941 571	4	941	7 12.6
		14		18			4		8 14.4
.060	9.686 391		9.744 824		0.255 176	9.941 567		.940	9 16.2
		13		18			4		
061	9.686 404		9.744 842		0.255 158	9.941 563		939	
062	9.686 418	14	9.744 860	18	0.255 140	9.941 558	5	938	
063	9.686 432	14	9.744 877	17	0.255 123	9.941 554	4	937	
		13		18			4		
064	9.686 445		9.744 895		0.255 105	9.941 550		936	
065	9.686 459	14	9.744 913	18	0.255 087	9.941 546	4	935	
066	9.686 473	14	9.744 931	18	0.255 069	9.941 542	4	934	17
		13		18			5		
067	9.686 486		9.744 949		0.255 051	9.941 537		933	1 1.7
068	9.686 500	14	9.744 967	18	0.255 033	9.941 533	4	932	2 3.4
069	9.686 513	13	9.744 984	17	0.255 016	9.941 529	4	931	3 5.1
		14		18			4		4 6.8
.070	9.686 527		9.745 002		0.254 998	9.941 525		.930	5 8.5
		14		18			4		6 10.2
071	9.686 541		9.745 020		0.254 980	9.941 521		929	7 11.9
072	9.686 554	13	9.745 038	18	0.254 962	9.941 516	5	928	8 13.6
073	9.686 568	14	9.745 056	18	0.254 944	9.941 512	4	927	9 15.3
		14		18			4		
074	9.686 582		9.745 074		0.254 926	9.941 508		926	
075	9.686 595	13	9.745 092	18	0.254 908	9.941 504	4	925	
076	9.686 609	14	9.745 109	17	0.254 891	9.941 499	5	924	
		13		18			4		
077	9.686 622		9.745 127		0.254 873	9.941 495		923	14
078	9.686 636	14	9.745 145	18	0.254 855	9.941 491	4	922	
079	9.686 650	14	9.745 163	18	0.254 837	9.941 487	4	921	1 1.4
		13		18			4		2 2.8
.080	9.686 663		9.745 181		0.254 819	9.941 483		.920	3 4.2
		14		18			5		4 5.6
081	9.686 677		9.745 199		0.254 801	9.941 478		919	5 7.0
082	9.686 691	14	9.745 216	17	0.254 784	9.941 474	4	918	6 8.4
083	9.686 704	13	9.745 234	18	0.254 766	9.941 470	4	917	7 9.8
		14		18			4		8 11.2
084	9.686 718		9.745 252		0.254 748	9.941 466		916	9 12.6
085	9.686 732	14	9.745 270	18	0.254 730	9.941 461	5	915	
086	9.686 745	13	9.745 288	18	0.254 712	9.941 457	4	914	
		14		18			4		
087	9.686 759		9.745 306		0.254 694	9.941 453		913	
088	9.686 772	13	9.745 324	18	0.254 676	9.941 449	4	912	
089	9.686 786	14	9.745 341	17	0.254 659	9.941 445	4	911	13
		14		18			5		
.090	9.686 800		9.745 359		0.254 641	9.941 440		.910	1 1.3
		13		18			4		2 2.6
091	9.686 813		9.745 377		0.254 623	9.941 436		909	3 3.9
092	9.686 827	14	9.745 395	18	0.254 605	9.941 432	4	908	4 5.2
093	9.686 841	14	9.745 413	18	0.254 587	9.941 428	4	907	5 6.5
		13		18			4		6 7.8
094	9.686 854		9.745 431		0.254 569	9.941 424		906	7 9.1
095	9.686 868	14	9.745 448	17	0.254 552	9.941 419	5	905	8 10.4
096	9.686 881	13	9.745 466	18	0.254 534	9.941 415	4	904	9 11.7
		14		18			4		
097	9.686 895		9.745 484		0.254 516	9.941 411		903	
098	9.686 909	14	9.745 502	18	0.254 498	9.941 407	4	902	
099	9.686 922	13	9.745 520	18	0.254 480	9.941 402	5	901	
		14		18			4		
.100	9.686 936		9.745 538		0.254 462	9.941 398		.900	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.950 — 60°.900

29°.100 — 29°.150

29°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.686 936		9.745 538		0.254 462	9.941 398		.900	
		13		17			4		
101	9.686 949		9.745 555		0.254 445	9.941 394		899	
102	9.686 963	14	9.745 573	18	0.254 427	9.941 390	4	898	
103	9.686 977	14	9.745 591	18	0.254 409	9.941 386	4	897	
		13		18			5		18
104	9.686 990		9.745 609		0.254 391	9.941 381		896	1 1.8
105	9.687 004	14	9.745 627	18	0.254 373	9.941 377	4	895	2 3.6
106	9.687 018	14	9.745 645	18	0.254 355	9.941 373	4	894	3 5.4
		13		17			4		4 7.2
107	9.687 031		9.745 662		0.254 338	9.941 369		893	5 9.0
108	9.687 045	14	9.745 680	18	0.254 320	9.941 364	5	892	6 10.8
109	9.687 058	13	9.745 698	18	0.254 302	9.941 360	4	891	7 12.6
		14		18			4		8 14.4
.110	9.687 072		9.745 716		0.254 284	9.941 356		.890	9 16.2
		14		18			4		
111	9.687 086		9.745 734		0.254 266	9.941 352		889	
112	9.687 099	13	9.745 752	18	0.254 248	9.941 348	4	888	
113	9.687 113	14	9.745 769	17	0.254 231	9.941 343	5	887	
		13		18			4		
114	9.687 126		9.745 787		0.254 213	9.941 339		886	
115	9.687 140	14	9.745 805	18	0.254 195	9.941 335	4	885	
116	9.687 154	14	9.745 823	18	0.254 177	9.941 331	4	884	17
		13		18			5		1 1.7
117	9.687 167		9.745 841		0.254 159	9.941 326		883	2 3.4
118	9.687 181	14	9.745 859	18	0.254 141	9.941 322	4	882	3 5.1
119	9.687 195	14	9.745 876	17	0.254 124	9.941 318	4	881	4 6.8
		13		18			4		5 8.5
.120	9.687 208		9.745 894		0.254 106	9.941 314		.880	6 10.2
		14		18			4		7 11.9
121	9.687 222		9.745 912		0.254 088	9.941 310		879	8 13.6
122	9.687 235	13	9.745 930	18	0.254 070	9.941 305	5	878	9 15.3
123	9.687 249	14	9.745 948	18	0.254 052	9.941 301	4	877	
		14		18			4		
124	9.687 263		9.745 966		0.254 034	9.941 297		876	
125	9.687 276	13	9.745 983	17	0.254 017	9.941 293	4	875	
126	9.687 290	14	9.746 001	18	0.253 999	9.941 288	5	874	
		13		18			4		
127	9.687 303		9.746 019		0.253 981	9.941 284		873	14
128	9.687 317	14	9.746 037	18	0.253 963	9.941 280	4	872	
129	9.687 331	14	9.746 055	18	0.253 945	9.941 276	4	871	1 1.4
		13		18			4		2 2.8
.130	9.687 344		9.746 073		0.253 927	9.941 272		.870	3 4.2
		14		17			5		4 5.6
131	9.687 358		9.746 090		0.253 910	9.941 267		869	5 7.0
132	9.687 371	13	9.746 108	18	0.253 892	9.941 263	4	868	6 8.4
133	9.687 385	14	9.746 126	18	0.253 874	9.941 259	4	867	7 9.8
		14		18			4		8 11.2
134	9.687 399		9.746 144		0.253 856	9.941 255		866	9 12.6
135	9.687 412	13	9.746 162	18	0.253 838	9.941 250	5	865	
136	9.687 426	14	9.746 180	18	0.253 820	9.941 246	4	864	
		13		17			4		
137	9.687 439		9.746 197		0.253 803	9.941 242		863	
138	9.687 453	14	9.746 215	18	0.253 785	9.941 238	4	862	
139	9.687 467	14	9.746 233	18	0.253 767	9.941 234	4	861	13
		13		18			5		
.140	9.687 480		9.746 251		0.253 749	9.941 229		.860	1 1.3
		14		18			4		2 2.6
141	9.687 494		9.746 269		0.253 731	9.941 225		859	3 3.9
142	9.687 507	13	9.746 286	17	0.253 714	9.941 221	4	858	4 5.2
143	9.687 521	14	9.746 304	18	0.253 696	9.941 217	4	857	5 6.5
		14		18			5		6 7.8
144	9.687 535		9.746 322		0.253 678	9.941 212		856	7 9.1
145	9.687 548	13	9.746 340	18	0.253 660	9.941 208	4	855	8 10.4
146	9.687 562	14	9.746 358	18	0.253 642	9.941 204	4	854	9 11.7
		13		18			4		
147	9.687 575		9.746 376		0.253 624	9.941 200		853	
148	9.687 589	14	9.746 393	17	0.253 607	9.941 196	4	852	
149	9.687 602	13	9.746 411	18	0.253 589	9.941 191	5	851	
		14		18			4		
.150	9.687 616		9.746 429		0.253 571	9.941 187		.850	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.900 — 60°.850

29°.150 — 29°.200

29°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.687 616		9.746 429		0.253 571	9.941 187		.850	
		14		18			4		
151	9.687 630		9.746 447		0.253 553	9.941 183		849	
152	9.687 643	13	9.746 465	18	0.253 535	9.941 179	4	848	
153	9.687 657	14	9.746 482	17	0.253 518	9.941 174	5	847	
		13		18			4		
154	9.687 670		9.746 500		0.253 500	9.941 170		846	
155	9.687 684	14	9.746 518	18	0.253 482	9.941 166	4	845	
156	9.687 698	14	9.746 536	18	0.253 464	9.941 162	4	844	
		13		18			5		
157	9.687 711		9.746 554		0.253 446	9.941 157		843	
158	9.687 725	14	9.746 572	18	0.253 428	9.941 153	4	842	
159	9.687 738	13	9.746 589	17	0.253 411	9.941 149	4	841	
		14		18			4		
.160	9.687 752		9.746 607		0.253 393	9.941 145		.840	
		14		18			4		
161	9.687 766		9.746 625		0.253 375	9.941 141		839	
162	9.687 779	13	9.746 643	18	0.253 357	9.941 136	5	838	
163	9.687 793	14	9.746 661	18	0.253 339	9.941 132	4	837	
		13		17			4		
164	9.687 806		9.746 678		0.253 322	9.941 128		836	
165	9.687 820	14	9.746 696	18	0.253 304	9.941 124	4	835	
166	9.687 833	13	9.746 714	18	0.253 286	9.941 119	5	834	
		14		18			4		
167	9.687 847		9.746 732		0.253 268	9.941 115		833	
168	9.687 861	14	9.746 750	18	0.253 250	9.941 111	4	832	
169	9.687 874	13	9.746 767	17	0.253 233	9.941 107	4	831	
		14		18			5		
.170	9.687 888		9.746 785		0.253 215	9.941 102		.830	
		13		18			4		
171	9.687 901		9.746 803		0.253 197	9.941 098		829	
172	9.687 915	14	9.746 821	18	0.253 179	9.941 094	4	828	
173	9.687 929	14	9.746 839	18	0.253 161	9.941 090	4	827	
		13		18			4		
174	9.687 942		9.746 857		0.253 143	9.941 086		826	
175	9.687 956	14	9.746 874	17	0.253 126	9.941 081	5	825	
176	9.687 969	13	9.746 892	18	0.253 108	9.941 077	4	824	
		14		18			4		
177	9.687 983		9.746 910		0.253 090	9.941 073		823	
178	9.687 996	13	9.746 928	18	0.253 072	9.941 069	4	822	
179	9.688 010	14	9.746 946	18	0.253 054	9.941 064	5	821	
		14		17			4		
.180	9.688 024		9.746 963		0.253 037	9.941 060		.820	
		13		18			4		
181	9.688 037		9.746 981		0.253 019	9.941 056		819	
182	9.688 051	14	9.746 999	18	0.253 001	9.941 052	4	818	
183	9.688 064	13	9.747 017	18	0.252 983	9.941 047	5	817	
		14		18			4		
184	9.688 078		9.747 035		0.252 965	9.941 043		816	
185	9.688 091	13	9.747 052	17	0.252 948	9.941 039	4	815	
186	9.688 105	14	9.747 070	18	0.252 930	9.941 035	4	814	
		14		18			4		
187	9.688 119		9.747 088		0.252 912	9.941 031		813	
188	9.688 132	13	9.747 106	18	0.252 894	9.941 026	5	812	
189	9.688 146	14	9.747 124	18	0.252 876	9.941 022	4	811	
		13		17			4		
.190	9.688 159		9.747 141		0.252 859	9.941 018		.810	
		14		18			4		
191	9.688 173		9.747 159		0.252 841	9.941 014		809	
192	9.688 186	13	9.747 177	18	0.252 823	9.941 009	5	808	
193	9.688 200	14	9.747 195	18	0.252 805	9.941 005	4	807	
		14		18			4		
194	9.688 214		9.747 213		0.252 787	9.941 001		806	
195	9.688 227	13	9.747 230	17	0.252 770	9.940 997	4	805	
196	9.688 241	14	9.747 248	18	0.252 752	9.940 992	5	804	
		13		18			4		
197	9.688 254		9.747 266		0.252 734	9.940 988		803	
198	9.688 268	14	9.747 284	18	0.252 716	9.940 984	4	802	
199	9.688 281	13	9.747 302	18	0.252 698	9.940 980	4	801	
		14		17			5		
.200	9.688 295		9.747 319		0.252 681	9.940 975		.800	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

60°.850 — 60°.800

29°.200 — 29°.250

29°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.688 295		9.747 319		0.252 681	9.940 975		**.800**	
		13		18			4		
201	9.688 308		9.747 337		0.252 663	9.940 971		799	
202	9.688 322	14	9.747 355	18	0.252 645	9.940 967	4	798	
203	9.688 336	14	9.747 373	18	0.252 627	9.940 963	4	797	
		13		18			4		18
204	9.688 349		9.747 391		0.252 609	9.940 959		796	1 1.8
205	9.688 363	14	9.747 408	17	0.252 592	9.940 954	5	795	2 3.6
206	9.688 376	13	9.747 426	18	0.252 574	9.940 950	4	794	3 5.4
		14		18			4		4 7.2
207	9.688 390		9.747 444		0.252 556	9.940 946		793	5 9.0
208	9.688 403	13	9.747 462	18	0.252 538	9.940 942	4	792	6 10.8
209	9.688 417	14	9.747 480	18	0.252 520	9.940 937	5	791	7 12.6
		14		17			4		8 14.4
.210	9.688 431		9.747 497		0.252 503	9.940 933		**.790**	9 16.2
		13		18			4		
211	9.688 444		9.747 515		0.252 485	9.940 929		789	
212	9.688 458	14	9.747 533	18	0.252 467	9.940 925	4	788	
213	9.688 471	13	9.747 551	18	0.252 449	9.940 920	5	787	
		14		18			4		
214	9.688 485		9.747 569		0.252 431	9.940 916		786	
215	9.688 498	13	9.747 586	17	0.252 414	9.940 912	4	785	
216	9.688 512	14	9.747 604	18	0.252 396	9.940 908	4	784	17
		13		18			5		1 1.7
217	9.688 525		9.747 622		0.252 378	9.940 903		783	2 3.4
218	9.688 539	14	9.747 640	18	0.252 360	9.940 899	4	782	3 5.1
219	9.688 552	13	9.747 658	18	0.252 342	9.940 895	4	781	4 6.8
		14		17			4		5 8.5
.220	9.688 566		9.747 675		0.252 325	9.940 891		**.780**	6 10.2
		14		18			5		7 11.9
221	9.688 580		9.747 693		0.252 307	9.940 886		779	8 13.6
222	9.688 593	13	9.747 711	18	0.252 289	9.940 882	4	778	9 15.3
223	9.688 607	14	9.747 729	18	0.252 271	9.940 878	4	777	
		13		17			4		
224	9.688 620		9.747 746		0.252 254	9.940 874		776	
225	9.688 634	14	9.747 764	18	0.252 236	9.940 870	4	775	
226	9.688 647	13	9.747 782	18	0.252 218	9.940 865	5	774	
		14		18			4		
227	9.688 661		9.747 800		0.252 200	9.940 861		773	14
228	9.688 674	13	9.747 818	18	0.252 182	9.940 857	4	772	1 1.4
229	9.688 688	14	9.747 835	17	0.252 165	9.940 853	4	771	2 2.8
		14		18			5		3 4.2
.230	9.688 702		9.747 853		0.252 147	9.940 848		**.770**	4 5.6
		13		18			4		5 7.0
231	9.688 715		9.747 871		0.252 129	9.940 844		769	6 8.4
232	9.688 729	14	9.747 889	18	0.252 111	9.940 840	4	768	7 9.8
233	9.688 742	13	9.747 907	18	0.252 093	9.940 836	4	767	8 11.2
		14		17			5		9 12.6
234	9.688 756		9.747 924		0.252 076	9.940 831		766	
235	9.688 769	13	9.747 942	18	0.252 058	9.940 827	4	765	
236	9.688 783	14	9.747 960	18	0.252 040	9.940 823	4	764	
		13		18			4		
237	9.688 796		9.747 978		0.252 022	9.940 819		763	
238	9.688 810	14	9.747 996	18	0.252 004	9.940 814	5	762	
239	9.688 823	13	9.748 013	17	0.251 987	9.940 810	4	761	13
		14		18			4		
.240	9.688 837		9.748 031		0.251 969	9.940 806		**.760**	1 1.3
		14		18			4		2 2.6
241	9.688 851		9.748 049		0.251 951	9.940 802		759	3 3.9
242	9.688 864	13	9.748 067	18	0.251 933	9.940 797	5	758	4 5.2
243	9.688 878	14	9.748 084	17	0.251 916	9.940 793	4	757	5 6.5
		13		18			4		6 7.8
244	9.688 891		9.748 102		0.251 898	9.940 789		756	7 9.1
245	9.688 905	14	9.748 120	18	0.251 880	9.940 785	4	755	8 10.4
246	9.688 918	13	9.748 138	18	0.251 862	9.940 780	5	754	9 11.7
		14		18			4		
247	9.688 932		9.748 156		0.251 844	9.940 776		753	
248	9.688 945	13	9.748 173	17	0.251 827	9.940 772	4	752	
249	9.688 959	14	9.748 191	18	0.251 809	9.940 768	4	751	
		13		18			5		
.250	9.688 972		9.748 209		0.251 791	9.940 763		**.750**	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.800 — 60°.750

29°.250 — 29°.300

29°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.688 972		9.748 209		0.251 791	9.940 763		**.750**	
		14		18			4		
251	9.688 986		9.748 227		0.251 773	9.940 759		749	
252	9.688 999	13	9.748 244	17	0.251 756	9.940 755	4	748	
253	9.689 013	14	9.748 262	18	0.251 738	9.940 751	4	747	
		13		18			5		18
254	9.689 026		9.748 280		0.251 720	9.940 746		746	1 1.8
255	9.689 040	14	9.748 298	18	0.251 702	9.940 742	4	745	2 3.6
256	9.689 054	14	9.748 316	18	0.251 684	9.940 738	4	744	3 5.4
		13		17			4		4 7.2
257	9.689 067		9.748 333		0.251 667	9.940 734		743	5 9.0
258	9.689 081	14	9.748 351	18	0.251 649	9.940 729	5	742	6 10.8
259	9.689 094	13	9.748 369	18	0.251 631	9.940 725	4	741	7 12.6
		14		18			4		8 14.4
.260	9.689 108		9.748 387		0.251 613	9.940 721		**.740**	9 16.2
		13		17			4		
261	9.689 121		9.748 404		0.251 596	9.940 717		739	
262	9.689 135	14	9.748 422	18	0.251 578	9.940 712	5	738	
263	9.689 148	13	9.748 440	18	0.251 560	9.940 708	4	737	
		14		18			4		
264	9.689 162		9.748 458		0.251 542	9.940 704		736	
265	9.689 175	13	9.748 476	18	0.251 524	9.940 700	4	735	
266	9.689 189	14	9.748 493	17	0.251 507	9.940 696	4	734	
		13		18			5		17
267	9.689 202		9.748 511		0.251 489	9.940 691		733	1 1.7
268	9.689 216	14	9.748 529	18	0.251 471	9.940 687	4	732	2 3.4
269	9.689 229	13	9.748 547	18	0.251 453	9.940 683	4	731	3 5.1
		14		17			4		4 6.8
.270	9.689 243		9.748 564		0.251 436	9.940 679		**.730**	5 8.5
		13		18			5		6 10.2
271	9.689 256		9.748 582		0.251 418	9.940 674		729	7 11.9
272	9.689 270	14	9.748 600	18	0.251 400	9.940 670	4	728	8 13.6
273	9.689 283	13	9.748 618	18	0.251 382	9.940 666	4	727	9 15.3
		14		17			4		
274	9.689 297		9.748 635		0.251 365	9.940 662		726	
275	9.689 311	14	9.748 653	18	0.251 347	9.940 657	5	725	
276	9.689 324	13	9.748 671	18	0.251 329	9.940 653	4	724	
		14		18			4		
277	9.689 338		9.748 689		0.251 311	9.940 649		723	14
278	9.689 351	13	9.748 707	18	0.251 293	9.940 645	4	722	1 1.4
279	9.689 365	14	9.748 724	17	0.251 276	9.940 640	5	721	2 2.8
		13		18			4		3 4.2
.280	9.689 378		9.748 742		0.251 258	9.940 636		**.720**	4 5.6
		14		18			4		5 7.0
281	9.689 392		9.748 760		0.251 240	9.940 632		719	6 8.4
282	9.689 405	13	9.748 778	18	0.251 222	9.940 628	4	718	7 9.8
283	9.689 419	14	9.748 795	17	0.251 205	9.940 623	5	717	8 11.2
		13		18			4		9 12.6
284	9.689 432		9.748 813		0.251 187	9.940 619		716	
285	9.689 446	14	9.748 831	18	0.251 169	9.940 615	4	715	
286	9.689 459	13	9.748 849	18	0.251 151	9.940 611	4	714	
		14		17			5		
287	9.689 473		9.748 866		0.251 134	9.940 606		713	
288	9.689 486	13	9.748 884	18	0.251 116	9.940 602	4	712	
289	9.689 500	14	9.748 902	18	0.251 098	9.940 598	4	711	13
		13		18			4		
.290	9.689 513		9.748 920		0.251 080	9.940 594		**.710**	1 1.3
		14		18			5		2 2.6
291	9.689 527		9.748 938		0.251 062	9.940 589		709	3 3.9
292	9.689 540	13	9.748 955	17	0.251 045	9.940 585	4	708	4 5.2
293	9.689 554	14	9.748 973	18	0.251 027	9.940 581	4	707	5 6.5
		13		18			4		6 7.8
294	9.689 567		9.748 991		0.251 009	9.940 577		706	7 9.1
295	9.689 581	14	9.749 009	18	0.250 991	9.940 572	5	705	8 10.4
296	9.689 594	13	9.749 026	17	0.250 974	9.940 568	4	704	9 11.7
		14		18			4		
297	9.689 608		9.749 044		0.250 956	9.940 564		703	
298	9.689 621	13	9.749 062	18	0.250 938	9.940 559	5	702	
299	9.689 635	14	9.749 080	18	0.250 920	9.940 555	4	701	
		13		17			4		
.300	9.689 648		9.749 097		0.250 903	9.940 551		**.700**	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.750 — 60°.700

29°.300 — 29°.350

29°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.689 648		9.749 097		0.250 903	9.940 551		.700	
		14		18			4		
301	9.689 662		9.749 115		0.250 885	9.940 547		699	
302	9.689 675	13	9.749 133	18	0.250 867	9.940 542	5	698	
303	9.689 689	14	9.749 151	18	0.250 849	9.940 538	4	697	
		13		17			4		18
304	9.689 702		9.749 168		0.250 832	9.940 534		696	1 1.8
305	9.689 716	14	9.749 186	18	0.250 814	9.940 530	4	695	2 3.6
306	9.689 729	13	9.749 204	18	0.250 796	9.940 525	5	694	3 5.4
		14		18			4		4 7.2
307	9.689 743		9.749 222		0.250 778	9.940 521		693	5 9.0
308	9.689 756	13	9.749 239	17	0.250 761	9.940 517	4	692	6 10.8
309	9.689 770	14	9.749 257	18	0.250 743	9.940 513	4	691	7 12.6
		13		18			5		8 14.4
.310	9.689 783		9.749 275		0.250 725	9.940 508		.690	9 16.2
		14		18			4		
311	9.689 797		9.749 293		0.250 707	9.940 504		689	
312	9.689 810	13	9.749 311	18	0.250 689	9.940 500	4	688	
313	9.689 824	14	9.749 328	17	0.250 672	9.940 496	4	687	
		13		18			5		
314	9.689 837		9.749 346		0.250 654	9.940 491		686	
315	9.689 851	14	9.749 364	18	0.250 636	9.940 487	4	685	
316	9.689 864	13	9.749 382	18	0.250 618	9.940 483	4	684	17
		14		17			4		
317	9.689 878		9.749 399		0.250 601	9.940 479		683	1 1.7
318	9.689 891	13	9.749 417	18	0.250 583	9.940 474	5	682	2 3.4
319	9.689 905	14	9.749 435	18	0.250 565	9.940 470	4	681	3 5.1
		13		18			4		4 6.8
.320	9.689 918		9.749 453		0.250 547	9.940 466		.680	5 8.5
		14		17			4		6 10.2
321	9.689 932		9.749 470		0.250 530	9.940 462		679	7 11.9
322	9.689 945	13	9.749 488	18	0.250 512	9.940 457	5	678	8 13.6
323	9.689 959	14	9.749 506	18	0.250 494	9.940 453	4	677	9 15.3
		13		18			4		
324	9.689 972		9.749 524		0.250 476	9.940 449		676	
325	9.689 986	14	9.749 541	17	0.250 459	9.940 445	4	675	
326	9.689 999	13	9.749 559	18	0.250 441	9.940 440	5	674	
		14		18			4		
327	9.690 013		9.749 577		0.250 423	9.940 436		673	14
328	9.690 026	13	9.749 595	18	0.250 405	9.940 432	4	672	
329	9.690 040	14	9.749 612	17	0.250 388	9.940 428	4	671	1 1.4
		13		18			5		2 2.8
.330	9.690 053		9.749 630		0.250 370	9.940 423		.670	3 4.2
		14		18			4		4 5.6
331	9.690 067		9.749 648		0.250 352	9.940 419		669	5 7.0
332	9.690 080	13	9.749 666	18	0.250 334	9.940 415	4	668	6 8.4
333	9.690 094	14	9.749 683	17	0.250 317	9.940 411	4	667	7 9.8
		13		18			5		8 11.2
334	9.690 107		9.749 701		0.250 299	9.940 406		666	9 12.6
335	9.690 121	14	9.749 719	18	0.250 281	9.940 402	4	665	
336	9.690 134	13	9.749 737	18	0.250 263	9.940 398	4	664	
		14		17			5		
337	9.690 148		9.749 754		0.250 246	9.940 393		663	
338	9.690 161	13	9.749 772	18	0.250 228	9.940 389	4	662	
339	9.690 175	14	9.749 790	18	0.250 210	9.940 385	4	661	13
		13		18			4		
.340	9.690 188		9.749 808		0.250 192	9.940 381		.660	1 1.3
		14		17			5		2 2.6
341	9.690 202		9.749 825		0.250 175	9.940 376		659	3 3.9
342	9.690 215	13	9.749 843	18	0.250 157	9.940 372	4	658	4 5.2
343	9.690 229	14	9.749 861	18	0.250 139	9.940 368	4	657	5 6.5
		13		18			4		6 7.8
344	9.690 242		9.749 879		0.250 121	9.940 364		656	7 9.1
345	9.690 256	14	9.749 896	17	0.250 104	9.940 359	5	655	8 10.4
346	9.690 269	13	9.749 914	18	0.250 086	9.940 355	4	654	9 11.7
		14		18			4		
347	9.690 283		9.749 932		0.250 068	9.940 351		653	
348	9.690 296	13	9.749 949	17	0.250 051	9.940 347	4	652	
349	9.690 310	14	9.749 967	18	0.250 033	9.940 342	5	651	
		13		18			4		
.350	9.690 323		9.749 985		0.250 015	9.940 338		.650	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.700 — 60°.650

29°.350 — 29°.400

29°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.690 323		9.749 985		0.250 015	9.940 338		.650	
		14		18			4		
351	9.690 337		9.750 003		0.249 997	9.940 334		649	
352	9.690 350	13	9.750 020	17	0.249 980	9.940 330	4	648	
353	9.690 363	13	9.750 038	18	0.249 962	9.940 325	5	647	
		14		18			4		18
354	9.690 377		9.750 056		0.249 944	9.940 321		646	1 1.8
355	9.690 390	13	9.750 074	18	0.249 926	9.940 317	4	645	2 3.6
356	9.690 404	14	9.750 091	17	0.249 909	9.940 313	4	644	3 5.4
		13		18			5		4 7.2
357	9.690 417		9.750 109		0.249 891	9.940 308		643	5 9.0
358	9.690 431	14	9.750 127	18	0.249 873	9.940 304	4	642	6 10.8
359	9.690 444	13	9.750 145	18	0.249 855	9.940 300	4	641	7 12.6
		14		17			5		8 14.4
.360	9.690 458		9.750 162		0.249 838	9.940 295		.640	9 16.2
		13		18			4		
361	9.690 471		9.750 180		0.249 820	9.940 291		639	
362	9.690 485	14	9.750 198	18	0.249 802	9.940 287	4	638	
363	9.690 498	13	9.750 216	18	0.249 784	9.940 283	4	637	
		14		17			5		
364	9.690 512		9.750 233		0.249 767	9.940 278		636	
365	9.690 525	13	9.750 251	18	0.249 749	9.940 274	4	635	
366	9.690 539	14	9.750 269	18	0.249 731	9.940 270	4	634	17
		13		18			4		1 1.7
367	9.690 552		9.750 287		0.249 713	9.940 266		633	2 3.4
368	9.690 566	14	9.750 304	17	0.249 696	9.940 261	5	632	3 5.1
369	9.690 579	13	9.750 322	18	0.249 678	9.940 257	4	631	4 6.8
		14		18			4		5 8.5
.370	9.690 593		9.750 340		0.249 660	9.940 253		.630	6 10.2
		13		17			4		7 11.9
371	9.690 606		9.750 357		0.249 643	9.940 249		629	8 13.6
372	9.690 619	13	9.750 375	18	0.249 625	9.940 244	5	628	9 15.3
373	9.690 633	14	9.750 393	18	0.249 607	9.940 240	4	627	
		13		18			4		
374	9.690 646		9.750 411		0.249 589	9.940 236		626	
375	9.690 660	14	9.750 428	17	0.249 572	9.940 231	5	625	
376	9.690 673	13	9.750 446	18	0.249 554	9.940 227	4	624	
		14		18			4		14
377	9.690 687		9.750 464		0.249 536	9.940 223		623	1 1.4
378	9.690 700	13	9.750 482	18	0.249 518	9.940 219	4	622	2 2.8
379	9.690 714	14	9.750 499	17	0.249 501	9.940 214	5	621	3 4.2
		13		18			4		4 5.6
.380	9.690 727		9.750 517		0.249 483	9.940 210		.620	5 7.0
		14		18			4		6 8.4
381	9.690 741		9.750 535		0.249 465	9.940 206		619	7 9.8
382	9.690 754	13	9.750 553	18	0.249 447	9.940 202	4	618	8 11.2
383	9.690 768	14	9.750 570	17	0.249 430	9.940 197	5	617	9 12.6
		13		18			4		
384	9.690 781		9.750 588		0.249 412	9.940 193		616	
385	9.690 795	14	9.750 606	18	0.249 394	9.940 189	4	615	
386	9.690 808	13	9.750 623	17	0.249 377	9.940 185	4	614	
		13		18			5		
387	9.690 821		9.750 641		0.249 359	9.940 180		613	
388	9.690 835	14	9.750 659	18	0.249 341	9.940 176	4	612	
389	9.690 848	13	9.750 677	18	0.249 323	9.940 172	4	611	13
		14		17			5		
.390	9.690 862		9.750 694		0.249 306	9.940 167		.610	1 1.3
		13		18			4		2 2.6
391	9.690 875		9.750 712		0.249 288	9.940 163		609	3 3.9
392	9.690 889	14	9.750 730	18	0.249 270	9.940 159	4	608	4 5.2
393	9.690 902	13	9.750 748	18	0.249 252	9.940 155	4	607	5 6.5
		14		17			5		6 7.8
394	9.690 916		9.750 765		0.249 235	9.940 150		606	7 9.1
395	9.690 929	13	9.750 783	18	0.249 217	9.940 146	4	605	8 10.4
396	9.690 943	14	9.750 801	18	0.249 199	9.940 142	4	604	9 11.7
		13		17			4		
397	9.690 956		9.750 818		0.249 182	9.940 138		603	
398	9.690 969	13	9.750 836	18	0.249 164	9.940 133	5	602	
399	9.690 983	14	9.750 854	18	0.249 146	9.940 129	4	601	
		13		18			4		
.400	9.690 996		9.750 872		0.249 128	9.940 125		.600	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.650 — 60°.600

29°.400 — 29°.450

29°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.690 996		9.750 872		0.249 128	9.940 125		.600	
		14		17			5		
401	9.691 010		9.750 889		0.249 111	9.940 120		599	
402	9.691 023	13	9.750 907	18	0.249 093	9.940 116	4	598	
403	9.691 037	14	9.750 925	18	0.249 075	9.940 112	4	597	
		13		17			4		18
404	9.691 050		9.750 942		0.249 058	9.940 108		596	1 1.8
405	9.691 064	14	9.750 960	18	0.249 040	9.940 103	5	595	2 3.6
406	9.691 077	13	9.750 978	18	0.249 022	9.940 099	4	594	3 5.4
		14		18			4		4 7.2
407	9.691 091		9.750 996		0.249 004	9.940 095		593	5 9.0
408	9.691 104	13	9.751 013	17	0.248 987	9.940 091	4	592	6 10.8
409	9.691 117	13	9.751 031	18	0.248 969	9.940 086	5	591	7 12.6
		14		18			4		8 14.4
.410	9.691 131		9.751 049		0.248 951	9.940 082		.590	9 16.2
		13		18			4		
411	9.691 144		9.751 067		0.248 933	9.940 078		589	
412	9.691 158	14	9.751 084	17	0.248 916	9.940 073	5	588	
413	9.691 171	13	9.751 102	18	0.248 898	9.940 069	4	587	
		14		18			4		
414	9.691 185		9.751 120		0.248 880	9.940 065		586	
415	9.691 198	13	9.751 137	17	0.248 863	9.940 061	4	585	
416	9.691 212	14	9.751 155	18	0.248 845	9.940 056	5	584	17
		13		18			4		1 1.7
417	9.691 225		9.751 173		0.248 827	9.940 052		583	2 3.4
418	9.691 238	13	9.751 191	18	0.248 809	9.940 048	4	582	3 5.1
419	9.691 252	14	9.751 208	17	0.248 792	9.940 044	4	581	4 6.8
		13		18			5		5 8.5
.420	9.691 265		9.751 226		0.248 774	9.940 039		.580	6 10.2
		14		18			4		7 11.9
421	9.691 279		9.751 244		0.248 756	9.940 035		579	8 13.6
422	9.691 292	13	9.751 261	17	0.248 739	9.940 031	4	578	9 15.3
423	9.691 306	14	9.751 279	18	0.248 721	9.940 026	5	577	
		13		18			4		
424	9.691 319		9.751 297		0.248 703	9.940 022		576	
425	9.691 332	13	9.751 315	18	0.248 685	9.940 018	4	575	
426	9.691 346	14	9.751 332	17	0.248 668	9.940 014	4	574	
		13		18			5		
427	9.691 359		9.751 350		0.248 650	9.940 009		573	14
428	9.691 373	14	9.751 368	18	0.248 632	9.940 005	4	572	
429	9.691 386	13	9.751 385	17	0.248 615	9.940 001	4	571	1 1.4
		14		18			4		2 2.8
.430	9.691 400		9.751 403		0.248 597	9.939 997		.570	3 4.2
		13		18			5		4 5.6
431	9.691 413		9.751 421		0.248 579	9.939 992		569	5 7.0
432	9.691 427	14	9.751 439	18	0.248 561	9.939 988	4	568	6 8.4
433	9.691 440	13	9.751 456	17	0.248 544	9.939 984	4	567	7 9.8
		13		18			5		8 11.2
434	9.691 453		9.751 474		0.248 526	9.939 979		566	9 12.6
435	9.691 467	14	9.751 492	18	0.248 508	9.939 975	4	565	
436	9.691 480	13	9.751 509	17	0.248 491	9.939 971	4	564	
		14		18			4		
437	9.691 494		9.751 527		0.248 473	9.939 967		563	
438	9.691 507	13	9.751 545	18	0.248 455	9.939 962	5	562	
439	9.691 521	14	9.751 563	18	0.248 437	9.939 958	4	561	13
		13		17			4		
.440	9.691 534		9.751 580		0.248 420	9.939 954		.560	1 1.3
		13		18			5		2 2.6
441	9.691 547		9.751 598		0.248 402	9.939 949		559	3 3.9
442	9.691 561	14	9.751 616	18	0.248 384	9.939 945	4	558	4 5.2
443	9.691 574	13	9.751 633	17	0.248 367	9.939 941	4	557	5 6.5
		14		18			4		6 7.8
444	9.691 588		9.751 651		0.248 349	9.939 937		556	7 9.1
445	9.691 601	13	9.751 669	18	0.248 331	9.939 932	5	555	8 10.4
446	9.691 615	14	9.751 686	17	0.248 314	9.939 928	4	554	9 11.7
		13		18			4		
447	9.691 628		9.751 704		0.248 296	9.939 924		553	
448	9.691 641	13	9.751 722	18	0.248 278	9.939 920	4	552	
449	9.691 655	14	9.751 740	18	0.248 260	9.939 915	5	551	
		13		17			4		
.450	9.691 668		9.751 757		0.248 243	9.939 911		.550	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.600 — 60°.550

29°.450 — 29°.500

29°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.691 668		9.751 757		0.248 243	9.939 911		**.550**	
		14		18			4		
451	9.691 682		9.751 775		0.248 225	9.939 907		549	
452	9.691 695	13	9.751 793	18	0.248 207	9.939 902	5	548	
453	9.691 709	14	9.751 810	17	0.248 190	9.939 898	4	547	
		13		18			4		18
454	9.691 722		9.751 828		0.248 172	9.939 894		546	1 1.8
455	9.691 735	13	9.751 846	18	0.248 154	9.939 890	4	545	2 3.6
456	9.691 749	14	9.751 864	18	0.248 136	9.939 885	5	544	3 5.4
		13		17			4		4 7.2
457	9.691 762		9.751 881	18	0.248 119	9.939 881		543	5 9.0
458	9.691 776	14	9.751 899	18	0.248 101	9.939 877	4	542	6 10.8
459	9.691 789	13	9.751 917		0.248 083	9.939 872	5	541	7 12.6
		13		17			4		8 14.4
.460	9.691 802		9.751 934	18	0.248 066	9.939 868		**.540**	9 16.2
		14					4		
461	9.691 816		9.751 952	18	0.248 048	9.939 864		539	
462	9.691 829	13	9.751 970		0.248 030	9.939 860	4	538	
463	9.691 843	14	9.751 987	17	0.248 013	9.939 855	5	537	
		13		18			4		
464	9.691 856		9.752 005	18	0.247 995	9.939 851		536	
465	9.691 870	14	9.752 023	18	0.247 977	9.939 847	4	535	
466	9.691 883	13	9.752 041		0.247 959	9.939 842	5	534	17
		13		17			4		1 1.7
467	9.691 896		9.752 058	18	0.247 942	9.939 838		533	2 3.4
468	9.691 910	14	9.752 076	18	0.247 924	9.939 834	4	532	3 5.1
469	9.691 923	13	9.752 094		0.247 906	9.939 830	4	531	4 6.8
		14		17			5		5 8.5
.470	9.691 937		9.752 111	18	0.247 889	9.939 825		**.530**	6 10.2
		13					4		7 11.9
471	9.691 950		9.752 129	18	0.247 871	9.939 821		529	8 13.6
472	9.691 963	13	9.752 147		0.247 853	9.939 817	4	528	9 15.3
473	9.691 977	14	9.752 164	17	0.247 836	9.939 813	4	527	
		13		18			5		
474	9.691 990		9.752 182	18	0.247 818	9.939 808		526	
475	9.692 004	14	9.752 200	18	0.247 800	9.939 804	4	525	
476	9.692 017	13	9.752 217	17	0.247 783	9.939 800	4	524	
		14		18			5		
477	9.692 031		9.752 235	18	0.247 765	9.939 795		523	14
478	9.692 044	13	9.752 253	18	0.247 747	9.939 791	4	522	1 1.4
479	9.692 057	13	9.752 271	17	0.247 729	9.939 787	4	521	2 2.8
		14		18			4		3 4.2
.480	9.692 071		9.752 288		0.247 712	9.939 783		**.520**	4 5.6
		13		18			5		5 7.0
481	9.692 084		9.752 306	18	0.247 694	9.939 778		519	6 8.4
482	9.692 098	14	9.752 324	17	0.247 676	9.939 774	4	518	7 9.8
483	9.692 111	13	9.752 341	18	0.247 659	9.939 770	4	517	8 11.2
		13		18			5		9 12.6
484	9.692 124		9.752 359	18	0.247 641	9.939 765		516	
485	9.692 138	14	9.752 377	17	0.247 623	9.939 761	4	515	
486	9.692 151	13	9.752 394	18	0.247 606	9.939 757	4	514	
		14		18			4		
487	9.692 165		9.752 412	18	0.247 588	9.939 753		513	
488	9.692 178	13	9.752 430	17	0.247 570	9.939 748	5	512	
489	9.692 191	13	9.752 447	18	0.247 553	9.939 744	4	511	13
		14		18			4		
.490	9.692 205		9.752 465		0.247 535	9.939 740		**.510**	1 1.3
		13		18			5		2 2.6
491	9.692 218		9.752 483	18	0.247 517	9.939 735		509	3 3.9
492	9.692 232	14	9.752 501	17	0.247 499	9.939 731	4	508	4 5.2
493	9.692 245	13	9.752 518	18	0.247 482	9.939 727	4	507	5 6.5
		13		18			4		6 7.8
494	9.692 258		9.752 536	18	0.247 464	9.939 723		506	7 9.1
495	9.692 272	14	9.752 554	17	0.247 446	9.939 718	5	505	8 10.4
496	9.692 285	13	9.752 571	18	0.247 429	9.939 714	4	504	9 11.7
		14		18			4		
497	9.692 299		9.752 589	18	0.247 411	9.939 710		503	
498	9.692 312	13	9.752 607	17	0.247 393	9.939 705	5	502	
499	9.692 325	13	9.752 624	18	0.247 376	9.939 701	4	501	
		14					4		
.500	9.692 339		9.752 642		0.247 358	9.939 697		**.500**	
	cos	d	cotg	d	tang	sin	d	**60°**	P.P.

60°.550 — 60°.500

29°.500 — 29°.550

29°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.692 339		9.752 642		0.247 358	9.939 697		.500	
		13		18			5		
501	9.692 352		9.752 660		0.247 340	9.939 692		499	
502	9.692 366	14	9.752 677	17	0.247 323	9.939 688	4	498	
503	9.692 379	13	9.752 695	18	0.247 305	9.939 684	4	497	
		13		18			4		18
504	9.692 392		9.752 713		0.247 287	9.939 680		496	1 1.8
505	9.692 406	14	9.752 730	17	0.247 270	9.939 675	5	495	2 3.6
506	9.692 419	13	9.752 748	18	0.247 252	9.939 671	4	494	3 5.4
		14		18			4		4 7.2
507	9.692 433		9.752 766		0.247 234	9.939 667		493	5 9.0
508	9.692 446	13	9.752 784	18	0.247 216	9.939 662	5	492	6 10.8
509	9.692 459	13	9.752 801	17	0.247 199	9.939 658	4	491	7 12.6
		14		18			4		8 14.4
.510	9.692 473		9.752 819		0.247 181	9.939 654		.490	9 16.2
		13		18			4		
511	9.692 486		9.752 837		0.247 163	9.939 650		489	
512	9.692 500	14	9.752 854	17	0.247 146	9.939 645	5	488	
513	9.692 513	13	9.752 872	18	0.247 128	9.939 641	4	487	
		13		18			4		
514	9.692 526		9.752 890		0.247 110	9.939 637		486	
515	9.692 540	14	9.752 907	17	0.247 093	9.939 632	5	485	17
516	9.692 553	13	9.752 925	18	0.247 075	9.939 628	4	484	
		14		18			4		1 1.7
517	9.692 567		9.752 943		0.247 057	9.939 624		483	2 3.4
518	9.692 580	13	9.752 960	17	0.247 040	9.939 620	4	482	3 5.1
519	9.692 593	13	9.752 978	18	0.247 022	9.939 615	5	481	4 6.8
		14		18			4		5 8.5
.520	9.692 607		9.752 996		0.247 004	9.939 611		.480	6 10.2
		13		17			4		7 11.9
521	9.692 620		9.753 013		0.246 987	9.939 607		479	8 13.6
522	9.692 633	13	9.753 031	18	0.246 969	9.939 602	5	478	9 15.3
523	9.692 647	14	9.753 049	18	0.246 951	9.939 598	4	477	
		13		17			4		
524	9.692 660		9.753 066		0.246 934	9.939 594		476	
525	9.692 674	14	9.753 084	18	0.246 916	9.939 590	4	475	
526	9.692 687	13	9.753 102	18	0.246 898	9.939 585	5	474	
		13		17			4		
527	9.692 700		9.753 119		0.246 881	9.939 581		473	14
528	9.692 714	14	9.753 137	18	0.246 863	9.939 577	4	472	
529	9.692 727	13	9.753 155	18	0.246 845	9.939 572	5	471	1 1.4
		13		17			4		2 2.8
.530	9.692 740		9.753 172		0.246 828	9.939 568		.470	3 4.2
		14		18			4		4 5.6
531	9.692 754		9.753 190		0.246 810	9.939 564		469	5 7.0
532	9.692 767	13	9.753 208	18	0.246 792	9.939 559	5	468	6 8.4
533	9.692 781	14	9.753 225	17	0.246 775	9.939 555	4	467	7 9.8
		13		18			4		8 11.2
534	9.692 794		9.753 243		0.246 757	9.939 551		466	9 12.6
535	9.692 807	13	9.753 261	18	0.246 739	9.939 547	4	465	
536	9.692 821	14	9.753 278	17	0.246 722	9.939 542	5	464	
		13		18			4		
537	9.692 834		9.753 296		0.246 704	9.939 538		463	
538	9.692 848	14	9.753 314	18	0.246 686	9.939 534	4	462	
539	9.692 861	13	9.753 332	18	0.246 668	9.939 529	5	461	13
		13		17			4		
.540	9.692 874		9.753 349		0.246 651	9.939 525		.460	1 1.3
		14		18			4		2 2.6
541	9.692 888		9.753 367		0.246 633	9.939 521		459	3 3.9
542	9.692 901	13	9.753 385	18	0.246 615	9.939 517	4	458	4 5.2
543	9.692 914	13	9.753 402	17	0.246 598	9.939 512	5	457	5 6.5
		14		18			4		6 7.8
544	9.692 928		9.753 420		0.246 580	9.939 508		456	7 9.1
545	9.692 941	13	9.753 438	18	0.246 562	9.939 504	4	455	8 10.4
546	9.692 955	14	9.753 455	17	0.246 545	9.939 499	5	454	9 11.7
		13		18			4		
547	9.692 968		9.753 473		0.246 527	9.939 495		453	
548	9.692 981	13	9.753 491	18	0.246 509	9.939 491	4	452	
549	9.692 995	14	9.753 508	17	0.246 492	9.939 486	5	451	
		13		18			4		
.550	9.693 008		9.753 526		0.246 474	9.939 482		.450	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.500 — 60°.450

29°.550 — 29°.600

29°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.693 008		9.753 526		0.246 474	9.939 482		**.450**	
		13		18			4		
551	9.693 021		9.753 544		0.246 456	9.939 478		449	
		14		17			4		
552	9.693 035		9.753 561		0.246 439	9.939 474		448	
		13		18			5		
553	9.693 048		9.753 579		0.246 421	9.939 469		447	
		13		18			4		18
554	9.693 061		9.753 597		0.246 403	9.939 465		446	1 1.8
		14		17			4		2 3.6
555	9.693 075		9.753 614		0.246 386	9.939 461		445	3 5.4
		13		18			5		4 7.2
556	9.693 088		9.753 632		0.246 368	9.939 456		444	5 9.0
		14		18			4		6 10.8
557	9.693 102		9.753 650		0.246 350	9.939 452		443	7 12.6
		13		17			4		8 14.4
558	9.693 115		9.753 667		0.246 333	9.939 448		442	9 16.2
		13		18			5		
559	9.693 128		9.753 685		0.246 315	9.939 443		441	
		14		18			4		
.560	9.693 142		9.753 703		0.246 297	9.939 439		**.440**	
		13		17			4		
561	9.693 155		9.753 720		0.246 280	9.939 435		439	
		13		18			4		
562	9.693 168		9.753 738		0.246 262	9.939 431		438	
		14		18			5		
563	9.693 182		9.753 756		0.246 244	9.939 426		437	
		13		17			4		
564	9.693 195		9.753 773		0.246 227	9.939 422		436	
		14		18			4		17
565	9.693 209		9.753 791		0.246 209	9.939 418		435	1 1.7
		13		18			5		2 3.4
566	9.693 222		9.753 809		0.246 191	9.939 413		434	3 5.1
		13		17			4		4 6.8
567	9.693 235		9.753 826		0.246 174	9.939 409		433	5 8.5
		14		18			4		6 10.2
568	9.693 249		9.753 844		0.246 156	9.939 405		432	7 11.9
		13		17			5		8 13.6
569	9.693 262		9.753 861		0.246 139	9.939 400		431	9 15.3
		13		18			4		
.570	9.693 275		9.753 879		0.246 121	9.939 396		**.430**	
		14		18			4		
571	9.693 289		9.753 897		0.246 103	9.939 392		429	
		13		17			4		
572	9.693 302		9.753 914		0.246 086	9.939 388		428	
		13		18			5		
573	9.693 315		9.753 932		0.246 068	9.939 383		427	
		14		18			4		
574	9.693 329		9.753 950		0.246 050	9.939 379		426	
		13		17			4		14
575	9.693 342		9.753 967		0.246 033	9.939 375		425	1 1.4
		13		18			5		2 2.8
576	9.693 355		9.753 985		0.246 015	9.939 370		424	3 4.2
		14		18			4		4 5.6
577	9.693 369		9.754 003		0.245 997	9.939 366		423	5 7.0
		13		17			4		6 8.4
578	9.693 382		9.754 020		0.245 980	9.939 362		422	7 9.8
		14		18			5		8 11.2
579	9.693 396		9.754 038		0.245 962	9.939 357		421	9 12.6
		13		18			4		
.580	9.693 409		9.754 056		0.245 944	9.939 353		**.420**	
		13		17			4		
581	9.693 422		9.754 073		0.245 927	9.939 349		419	
		14		18			4		
582	9.693 436		9.754 091		0.245 909	9.939 345		418	
		13		18			5		
583	9.693 449		9.754 109		0.245 891	9.939 340		417	
		13		17			4		13
584	9.693 462		9.754 126		0.245 874	9.939 336		416	1 1.3
		14		18			4		2 2.6
585	9.693 476		9.754 144		0.245 856	9.939 332		415	3 3.9
		13		18			5		4 5.2
586	9.693 489		9.754 162		0.245 838	9.939 327		414	5 6.5
		13		17			4		6 7.8
587	9.693 502		9.754 179		0.245 821	9.939 323		413	7 9.1
		14		18			4		8 10.4
588	9.693 516		9.754 197		0.245 803	9.939 319		412	9 11.7
		13		18			5		
589	9.693 529		9.754 215		0.245 785	9.939 314		411	
		13		17			4		
.590	9.693 542		9.754 232		0.245 768	9.939 310		**.410**	
		14		18			4		
591	9.693 556		9.754 250		0.245 750	9.939 306		409	
		13		18			5		
592	9.693 569		9.754 268		0.245 732	9.939 301		408	
		13		17			4		
593	9.693 582		9.754 285		0.245 715	9.939 297		407	
		14		18			4		
594	9.693 596		9.754 303		0.245 697	9.939 293		406	
		13		18			4		
595	9.693 609		9.754 321		0.245 679	9.939 289		405	
		13		17			5		
596	9.693 622		9.754 338		0.245 662	9.939 284		404	
		14		18			4		
597	9.693 636		9.754 356		0.245 644	9.939 280		403	
		13		17			4		
598	9.693 649		9.754 373		0.245 627	9.939 276		402	
		13		18			5		
599	9.693 662		9.754 391		0.245 609	9.939 271		401	
		14		18			4		
.600	9.693 676		9.754 409		0.245 591	9.939 267		**.400**	
	cos	d	cotg	d	tang	sin	d	**60°**	P.P.

60°.450 — 60°.400

29°.600 — 29°.650

29°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.693 676		9.754 409		0.245 591	9.939 267		**.400**	
		13		17			4		
601	9.693 689		9.754 426		0.245 574	9.939 263		399	
602	9.693 703	14	9.754 444	18	0.245 556	9.939 258	5	398	
603	9.693 716	13	9.754 462	18	0.245 538	9.939 254	4	397	
		13		17			4		
604	9.693 729		9.754 479		0.245 521	9.939 250		396	
605	9.693 743	14	9.754 497	18	0.245 503	9.939 246	4	395	
606	9.693 756	13	9.754 515	18	0.245 485	9.939 241	5	394	
		13		17			4		
607	9.693 769		9.754 532		0.245 468	9.939 237		393	
608	9.693 783	14	9.754 550	18	0.245 450	9.939 233	4	392	
609	9.693 796	13	9.754 568	18	0.245 432	9.939 228	5	391	
		13		17			4		
.610	9.693 809		9.754 585		0.245 415	9.939 224		**.390**	
		14		18			4		
611	9.693 823		9.754 603		0.245 397	9.939 220		389	
612	9.693 836	13	9.754 621	18	0.245 379	9.939 215	5	388	
613	9.693 849	13	9.754 638	17	0.245 362	9.939 211	4	387	
		14		18			4		
614	9.693 863		9.754 656		0.245 344	9.939 207		386	
615	9.693 876	13	9.754 673	17	0.245 327	9.939 202	5	385	
616	9.693 889	13	9.754 691	18	0.245 309	9.939 198	4	384	
		14		18			4		
617	9.693 903		9.754 709		0.245 291	9.939 194		383	
618	9.693 916	13	9.754 726	17	0.245 274	9.939 190	4	382	
619	9.693 929	13	9.754 744	18	0.245 256	9.939 185	5	381	
		14		18			4		
.620	9.693 943		9.754 762		0.245 238	9.939 181		**.380**	
		13		17			4		
621	9.693 956		9.754 779		0.245 221	9.939 177		379	
622	9.693 969	13	9.754 797	18	0.245 203	9.939 172	5	378	
623	9.693 983	14	9.754 815	18	0.245 185	9.939 168	4	377	
		13		17			4		
624	9.693 996		9.754 832		0.245 168	9.939 164		376	
625	9.694 009	13	9.754 850	18	0.245 150	9.939 159	5	375	
626	9.694 023	14	9.754 868	18	0.245 132	9.939 155	4	374	
		13		17			4		
627	9.694 036		9.754 885		0.245 115	9.939 151		373	
628	9.694 049	13	9.754 903	18	0.245 097	9.939 146	5	372	
629	9.694 063	14	9.754 920	17	0.245 080	9.939 142	4	371	
		13		18			4		
.630	9.694 076		9.754 938		0.245 062	9.939 138		**.370**	
		13		18			5		
631	9.694 089		9.754 956		0.245 044	9.939 133		369	
632	9.694 103	14	9.754 973	17	0.245 027	9.939 129	4	368	
633	9.694 116	13	9.754 991	18	0.245 009	9.939 125	4	367	
		13		18			4		
634	9.694 129		9.755 009		0.244 991	9.939 121		366	
635	9.694 143	14	9.755 026	17	0.244 974	9.939 116	5	365	
636	9.694 156	13	9.755 044	18	0.244 956	9.939 112	4	364	
		13		18			4		
637	9.694 169		9.755 062		0.244 938	9.939 108		363	
638	9.694 182	13	9.755 079	17	0.244 921	9.939 103	5	362	
639	9.694 196	14	9.755 097	18	0.244 903	9.939 099	4	361	
		13		17			4		
.640	9.694 209		9.755 114		0.244 886	9.939 095		**.360**	
		13		18			5		
641	9.694 222		9.755 132		0.244 868	9.939 090		359	
642	9.694 236	14	9.755 150	18	0.244 850	9.939 086	4	358	
643	9.694 249	13	9.755 167	17	0.244 833	9.939 082	4	357	
		13		18			5		
644	9.694 262		9.755 185		0.244 815	9.939 077		356	
645	9.694 276	14	9.755 203	18	0.244 797	9.939 073	4	355	
646	9.694 289	13	9.755 220	17	0.244 780	9.939 069	4	354	
		13		18			5		
647	9.694 302		9.755 238		0.244 762	9.939 064		353	
648	9.694 316	14	9.755 256	18	0.244 744	9.939 060	4	352	
649	9.694 329	13	9.755 273	17	0.244 727	9.939 056	4	351	
		13		18			4		
.650	9.694 342		9.755 291		0.244 709	9.939 052		**.350**	
	cos	d	cotg	d	tang	sin	d	**60°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

60°.400 — 60°.350

29°.650 — 29°.700

29°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.694 342		9.755 291		0.244 709	9.939 052		**.350**	
		14		17			5		
651	9.694 356		9.755 308		0.244 692	9.939 047		349	
652	9.694 369	13	9.755 326	18	0.244 674	9.939 043	4	348	
653	9.694 382	13	9.755 344	18	0.244 656	9.939 039	4	347	
		14		17			5		18
654	9.694 396		9.755 361		0.244 639	9.939 034		346	1 1.8
655	9.694 409	13	9.755 379	18	0.244 621	9.939 030	4	345	2 3.6
656	9.694 422	13	9.755 397	18	0.244 603	9.939 026	4	344	3 5.4
		14		17			5		4 7.2
657	9.694 436		9.755 414		0.244 586	9.939 021		343	5 9.0
658	9.694 449	13	9.755 432	18	0.244 568	9.939 017	4	342	6 10.8
659	9.694 462	13	9.755 449	17	0.244 551	9.939 013	4	341	7 12.6
		13		18			5		8 14.4
.660	9.694 475		9.755 467		0.244 533	9.939 008		**.340**	9 16.2
		14		18			4		
661	9.694 489		9.755 485		0.244 515	9.939 004		339	
662	9.694 502	13	9.755 502	17	0.244 498	9.939 000	4	338	
663	9.694 515	13	9.755 520	18	0.244 480	9.938 995	5	337	
		14		18			4		
664	9.694 529		9.755 538		0.244 462	9.938 991		336	
665	9.694 542	13	9.755 555	17	0.244 445	9.938 987	4	335	
666	9.694 555	13	9.755 573	18	0.244 427	9.938 982	5	334	17
		14		17			4		1 1.7
667	9.694 569		9.755 590		0.244 410	9.938 978		333	2 3.4
668	9.694 582	13	9.755 608	18	0.244 392	9.938 974	4	332	3 5.1
669	9.694 595	13	9.755 626	18	0.244 374	9.938 970	4	331	4 6.8
		14		17			5		5 8.5
.670	9.694 609		9.755 643		0.244 357	9.938 965		**.330**	6 10.2
		13		18			4		7 11.9
671	9.694 622		9.755 661		0.244 339	9.938 961		329	8 13.6
672	9.694 635	13	9.755 679	18	0.244 321	9.938 957	4	328	9 15.3
673	9.694 648	13	9.755 696	17	0.244 304	9.938 952	5	327	
		14		18			4		
674	9.694 662		9.755 714		0.244 286	9.938 948		326	
675	9.694 675	13	9.755 731	17	0.244 269	9.938 944	4	325	
676	9.694 688	13	9.755 749	18	0.244 251	9.938 939	5	324	
		14		18			4		
677	9.694 702		9.755 767		0.244 233	9.938 935		323	14
678	9.694 715	13	9.755 784	17	0.244 216	9.938 931	4	322	
679	9.694 728	13	9.755 802	18	0.244 198	9.938 926	5	321	1 1.4
		14		18			4		2 2.8
.680	9.694 742		9.755 820		0.244 180	9.938 922		**.320**	3 4.2
		13		17			4		4 5.6
681	9.694 755		9.755 837		0.244 163	9.938 918		319	5 7.0
682	9.694 768	13	9.755 855	18	0.244 145	9.938 913	5	318	6 8.4
683	9.694 781	13	9.755 872	17	0.244 128	9.938 909	4	317	7 9.8
		14		18			4		8 11.2
684	9.694 795		9.755 890		0.244 110	9.938 905		316	9 12.6
685	9.694 808	13	9.755 908	18	0.244 092	9.938 900	5	315	
686	9.694 821	13	9.755 925	17	0.244 075	9.938 896	4	314	
		14		18			4		
687	9.694 835		9.755 943		0.244 057	9.938 892		313	
688	9.694 848	13	9.755 960	17	0.244 040	9.938 887	5	312	
689	9.694 861	13	9.755 978	18	0.244 022	9.938 883	4	311	13
		14		18			4		
.690	9.694 875		9.755 996		0.244 004	9.938 879		**.310**	1 1.3
		13		17			5		2 2.6
691	9.694 888		9.756 013		0.243 987	9.938 874		309	3 3.9
692	9.694 901	13	9.756 031	18	0.243 969	9.938 870	4	308	4 5.2
693	9.694 914	13	9.756 049	18	0.243 951	9.938 866	4	307	5 6.5
		14		17			4		6 7.8
694	9.694 928		9.756 066		0.243 934	9.938 862		306	7 9.1
695	9.694 941	13	9.756 084	18	0.243 916	9.938 857	5	305	8 10.4
696	9.694 954	13	9.756 101	17	0.243 899	9.938 853	4	304	9 11.7
		14		18			4		
697	9.694 968		9.756 119		0.243 881	9.938 849		303	
698	9.694 981	13	9.756 137	18	0.243 863	9.938 844	5	302	
699	9.694 994	13	9.756 154	17	0.243 846	9.938 840	4	301	
		13		18			4		
.700	9.695 007		9.756 172		0.243 828	9.938 836		**.300**	
	cos	d	cotg	d	tang	sin	d	**60°**	P.P.

60°.350 — 60°.300

29°.700 — 29°.750

29°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.695 007		9.756 172		0.243 828	9.938 836		**.300**	
		14		17			5		
701	9.695 021		9.756 189		0.243 811	9.938 831		299	
702	9.695 034	13	9.756 207	18	0.243 793	9.938 827	4	298	
703	9.695 047	13	9.756 225	18	0.243 775	9.938 823	4	297	
		14		17			5		
704	9.695 061		9.756 242		0.243 758	9.938 818		296	
705	9.695 074	13	9.756 260	18	0.243 740	9.938 814	4	295	
706	9.695 087	13	9.756 278	18	0.243 722	9.938 810	4	294	
		13		17			5		
707	9.695 100		9.756 295		0.243 705	9.938 805		293	
708	9.695 114	14	9.756 313	18	0.243 687	9.938 801	4	292	
709	9.695 127	13	9.756 330	17	0.243 670	9.938 797	4	291	
		13		18			5		
.710	9.695 140		9.756 348		0.243 652	9.938 792		**.290**	
		14		18			4		
711	9.695 154		9.756 366		0.243 634	9.938 788		289	
712	9.695 167	13	9.756 383	17	0.243 617	9.938 784	4	288	
713	9.695 180	13	9.756 401	18	0.243 599	9.938 779	5	287	
		13		17			4		
714	9.695 193		9.756 418		0.243 582	9.938 775		286	
715	9.695 207	14	9.756 436	18	0.243 564	9.938 771	4	285	
716	9.695 220	13	9.756 454	18	0.243 546	9.938 766	5	284	
		13		17			4		
717	9.695 233		9.756 471		0.243 529	9.938 762		283	
718	9.695 247	14	9.756 489	18	0.243 511	9.938 758	4	282	
719	9.695 260	13	9.756 506	17	0.243 494	9.938 753	5	281	
		13		18			4		
.720	9.695 273		9.756 524		0.243 476	9.938 749		**.280**	
		13		18			4		
721	9.695 286		9.756 542		0.243 458	9.938 745		279	
722	9.695 300	14	9.756 559	17	0.243 441	9.938 740	5	278	
723	9.695 313	13	9.756 577	18	0.243 423	9.938 736	4	277	
		13		17			4		
724	9.695 326		9.756 594		0.243 406	9.938 732		276	
725	9.695 339	13	9.756 612	18	0.243 388	9.938 727	5	275	
726	9.695 353	14	9.756 630	18	0.243 370	9.938 723	4	274	
		13		17			4		
727	9.695 366		9.756 647		0.243 353	9.938 719		273	
728	9.695 379	13	9.756 665	18	0.243 335	9.938 714	5	272	
729	9.695 393	14	9.756 682	17	0.243 318	9.938 710	4	271	
		13		18			4		
.730	9.695 406		9.756 700		0.243 300	9.938 706		**.270**	
		13		18			5		
731	9.695 419		9.756 718		0.243 282	9.938 701		269	
732	9.695 432	13	9.756 735	17	0.243 265	9.938 697	4	268	
733	9.695 446	14	9.756 753	18	0.243 247	9.938 693	4	267	
		13		17			5		
734	9.695 459		9.756 770		0.243 230	9.938 688		266	
735	9.695 472	13	9.756 788	18	0.243 212	9.938 684	4	265	
736	9.695 485	13	9.756 806	18	0.243 194	9.938 680	4	264	
		14		17			5		
737	9.695 499		9.756 823		0.243 177	9.938 675		263	
738	9.695 512	13	9.756 841	18	0.243 159	9.938 671	4	262	
739	9.695 525	13	9.756 858	17	0.243 142	9.938 667	4	261	
		14		18			4		
.740	9.695 539		9.756 876		0.243 124	9.938 663		**.260**	
		13		18			5		
741	9.695 552		9.756 894		0.243 106	9.938 658		259	
742	9.695 565	13	9.756 911	17	0.243 089	9.938 654	4	258	
743	9.695 578	13	9.756 929	18	0.243 071	9.938 650	4	257	
		14		17			5		
744	9.695 592		9.756 946		0.243 054	9.938 645		256	
745	9.695 605	13	9.756 964	18	0.243 036	9.938 641	4	255	
746	9.695 618	13	9.756 982	18	0.243 018	9.938 637	4	254	
		13		17			5		
747	9.695 631		9.756 999		0.243 001	9.938 632		253	
748	9.695 645	14	9.757 017	18	0.242 983	9.938 628	4	252	
749	9.695 658	13	9.757 034	17	0.242 966	9.938 624	4	251	
		13		18			5		
.750	9.695 671		9.757 052		0.242 948	9.938 619		**.250**	
	cos	d	cotg	d	tang	sin	d	**60°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

60°.300 — 60°.250

29°.750 — 29°.800

29°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.695 671		9.757 052		0.242 948	9.938 619		.250	
		13		18			4		
751	9.695 684		9.757 070		0.242 930	9.938 615		249	
752	9.695 698	14	9.757 087	17	0.242 913	9.938 611	4	248	
753	9.695 711	13	9.757 105	18	0.242 895	9.938 606	5	247	
		13		17			4		18
754	9.695 724		9.757 122		0.242 878	9.938 602		246	1 1.8
755	9.695 738	14	9.757 140	18	0.242 860	9.938 598	4	245	2 3.6
756	9.695 751	13	9.757 158	18	0.242 842	9.938 593	5	244	3 5.4
		13		17			4		4 7.2
757	9.695 764		9.757 175		0.242 825	9.938 589		243	5 9.0
758	9.695 777	13	9.757 193	18	0.242 807	9.938 585	4	242	6 10.8
759	9.695 791	14	9.757 210	17	0.242 790	9.938 580	5	241	7 12.6
		13		18			4		8 14.4
.760	9.695 804		9.757 228		0.242 772	9.938 576		.240	9 16.2
		13		18			4		
761	9.695 817		9.757 246		0.242 754	9.938 572		239	
762	9.695 830	13	9.757 263	17	0.242 737	9.938 567	5	238	
763	9.695 844	14	9.757 281	18	0.242 719	9.938 563	4	237	
		13		17			4		
764	9.695 857		9.757 298		0.242 702	9.938 559		236	
765	9.695 870	13	9.757 316	18	0.242 684	9.938 554	5	235	
766	9.695 883	13	9.757 333	17	0.242 667	9.938 550	4	234	17
		14		18			4		1 1.7
767	9.695 897		9.757 351		0.242 649	9.938 546		233	2 3.4
768	9.695 910	13	9.757 369	18	0.242 631	9.938 541	5	232	3 5.1
769	9.695 923	13	9.757 386	17	0.242 614	9.938 537	4	231	4 6.8
		13		18			4		5 8.5
.770	9.695 936		9.757 404		0.242 596	9.938 533		.230	6 10.2
		14		17			5		7 11.9
771	9.695 950		9.757 421		0.242 579	9.938 528		229	8 13.6
772	9.695 963	13	9.757 439	18	0.242 561	9.938 524	4	228	9 15.3
773	9.695 976	13	9.757 457	18	0.242 543	9.938 520	4	227	
		13		17			5		
774	9.695 989		9.757 474		0.242 526	9.938 515		226	
775	9.696 003	14	9.757 492	18	0.242 508	9.938 511	4	225	
776	9.696 016	13	9.757 509	17	0.242 491	9.938 506	5	224	
		13		18			4		
777	9.696 029		9.757 527		0.242 473	9.938 502		223	14
778	9.696 042	13	9.757 545	18	0.242 455	9.938 498	4	222	
779	9.696 056	14	9.757 562	17	0.242 438	9.938 493	5	221	1 1.4
		13		18			4		2 2.8
.780	9.696 069		9.757 580		0.242 420	9.938 489		.220	3 4.2
		13		17			4		4 5.6
781	9.696 082		9.757 597		0.242 403	9.938 485		219	5 7.0
782	9.696 095	13	9.757 615	18	0.242 385	9.938 480	5	218	6 8.4
783	9.696 109	14	9.757 632	17	0.242 368	9.938 476	4	217	7 9.8
		13		18			4		8 11.2
784	9.696 122		9.757 650		0.242 350	9.938 472		216	9 12.6
785	9.696 135	13	9.757 668	18	0.242 332	9.938 467	5	215	
786	9.696 148	13	9.757 685	17	0.242 315	9.938 463	4	214	
		14		18			4		
787	9.696 162		9.757 703		0.242 297	9.938 459		213	
788	9.696 175	13	9.757 720	17	0.242 280	9.938 454	5	212	
789	9.696 188	13	9.757 738	18	0.242 262	9.938 450	4	211	13
		13		17			4		
.790	9.696 201		9.757 755		0.242 245	9.938 446		.210	1 1.3
		13		18			5		2 2.6
791	9.696 214		9.757 773		0.242 227	9.938 441		209	3 3.9
792	9.696 228	14	9.757 791	18	0.242 209	9.938 437	4	208	4 5.2
793	9.696 241	13	9.757 808	17	0.242 192	9.938 433	4	207	5 6.5
		13		18			5		6 7.8
794	9.696 254		9.757 826		0.242 174	9.938 428		206	7 9.1
795	9.696 267	13	9.757 843	17	0.242 157	9.938 424	4	205	8 10.4
796	9.696 281	14	9.757 861	18	0.242 139	9.938 420	4	204	9 11.7
		13		18			5		
797	9.696 294		9.757 879		0.242 121	9.938 415		203	
798	9.696 307	13	9.757 896	17	0.242 104	9.938 411	4	202	
799	9.696 320	13	9.757 914	18	0.242 086	9.938 407	4	201	
		14		17			5		
.800	9.696 334		9.757 931		0.242 069	9.938 402		.200	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.250 — 60°.200

29°.800 — 29°.850

29°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.696 334		9.757 931		0.242 069	9.938 402		**.200**	
		13		18			4		
801	9.696 347		9.757 949		0.242 051	9.938 398		199	
802	9.696 360	13	9.757 966	17	0.242 034	9.938 394	4	198	
803	9.696 373	13	9.757 984	18	0.242 016	9.938 389	4 5	197	
		14		18			4		18
804	9.696 387		9.758 002		0.241 998	9.938 385		196	1 1.8
805	9.696 400	13	9.758 019	17	0.241 981	9.938 381	4	195	2 3.6
806	9.696 413	13	9.758 037	18	0.241 963	9.938 376	5	194	3 5.4
		13		17			4		4 7.2
807	9.696 426		9.758 054		0.241 946	9.938 372		193	5 9.0
808	9.696 439	13	9.758 072	18	0.241 928	9.938 368	4	192	6 10.8
809	9.696 453	14	9.758 089	17	0.241 911	9.938 363	5	191	7 12.6
		13		18			4		8 14.4
.810	9.696 466		9.758 107		0.241 893	9.938 359		**.190**	9 16.2
		13		18			4		
811	9.696 479		9.758 125		0.241 875	9.938 355		189	
812	9.696 492	13	9.758 142	17	0.241 858	9.938 350	5	188	
813	9.696 506	14	9.758 160	18	0.241 840	9.938 346	4	187	
		13		17			4		
814	9.696 519		9.758 177		0.241 823	9.938 342		186	
815	9.696 532	13	9.758 195	18	0.241 805	9.938 337	5	185	
816	9.696 545	13	9.758 212	17	0.241 788	9.938 333	4	184	17
		14		18			4		1 1.7
817	9.696 559		9.758 230		0.241 770	9.938 329		183	2 3.4
818	9.696 572	13	9.758 248	18	0.241 752	9.938 324	5	182	3 5.1
819	9.696 585	13	9.758 265	17	0.241 735	9.938 320	4	181	4 6.8
		13		18			4		5 8.5
.820	9.696 598		9.758 283		0.241 717	9.938 316		**.180**	6 10.2
		13		17			5		7 11.9
821	9.696 611		9.758 300		0.241 700	9.938 311		179	8 13.6
822	9.696 625	14	9.758 318	18	0.241 682	9.938 307	4	178	9 15.3
823	9.696 638	13	9.758 335	17	0.241 665	9.938 302	5	177	
		13		18			4		
824	9.696 651		9.758 353		0.241 647	9.938 298		176	
825	9.696 664	13	9.758 371	18	0.241 629	9.938 294	4	175	
826	9.696 678	14	9.758 388	17	0.241 612	9.938 289	5	174	
		13		18			4		
827	9.696 691		9.758 406		0.241 594	9.938 285		173	14
828	9.696 704	13	9.758 423	17	0.241 577	9.938 281	4	172	1 1.4
829	9.696 717	13	9.758 441	18	0.241 559	9.938 276	5	171	2 2.8
		13		17			4		3 4.2
.830	9.696 730		9.758 458		0.241 542	9.938 272		**.170**	4 5.6
		14		18			4		5 7.0
831	9.696 744		9.758 476		0.241 524	9.938 268		169	6 8.4
832	9.696 757	13	9.758 494	18	0.241 506	9.938 263	5	168	7 9.8
833	9.696 770	13	9.758 511	17	0.241 489	9.938 259	4	167	8 11.2
		13		18			4		9 12.6
834	9.696 783		9.758 529		0.241 471	9.938 255		166	
835	9.696 797	14	9.758 546	17	0.241 454	9.938 250	5	165	
836	9.696 810	13	9.758 564	18	0.241 436	9.938 246	4	164	
		13		17			4		
837	9.696 823		9.758 581		0.241 419	9.938 242		163	
838	9.696 836	13	9.758 599	18	0.241 401	9.938 237	5	162	
839	9.696 849	13	9.758 616	17	0.241 384	9.938 233	4	161	13
		14		18			4		1 1.3
.840	9.696 863		9.758 634		0.241 366	9.938 229		**.160**	2 2.6
		13		18			5		3 3.9
841	9.696 876		9.758 652		0.241 348	9.938 224		159	4 5.2
842	9.696 889	13	9.758 669	17	0.241 331	9.938 220	4	158	5 6.5
843	9.696 902	13	9.758 687	18	0.241 313	9.938 216	4	157	6 7.8
		13		17			5		7 9.1
844	9.696 915		9.758 704		0.241 296	9.938 211		156	8 10.4
845	9.696 929	14	9.758 722	18	0.241 278	9.938 207	4	155	9 11.7
846	9.696 942	13	9.758 739	17	0.241 261	9.938 202	5	154	
		13		18			4		
847	9.696 955		9.758 757		0.241 243	9.938 198		153	
848	9.696 968	13	9.758 775	18	0.241 225	9.938 194	4	152	
849	9.696 982	14	9.758 792	17	0.241 208	9.938 189	5	151	
		13		18			4		
.850	9.696 995		9.758 810		0.241 190	9.938 185		**.150**	
	cos	d	cotg	d	tang	sin	d	**60°**	P.P.

60°.200 — 60°.150

29°.850 — 29°.900

29°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.696 995		9.758 810		0.241 190	9.938 185		**.150**	
		13		17			4		
851	9.697 008		9.758 827		0.241 173	9.938 181		149	
852	9.697 021	13	9.758 845	18	0.241 155	9.938 176	5	148	
853	9.697 034	13	9.758 862	17	0.241 138	9.938 172	4	147	
		14		18			4		18
854	9.697 048		9.758 880		0.241 120	9.938 168		146	1 1.8
855	9.697 061	13	9.758 897	17	0.241 103	9.938 163	5	145	2 3.6
856	9.697 074	13	9.758 915	18	0.241 085	9.938 159	4	144	3 5.4
		13		18			4		4 7.2
857	9.697 087		9.758 933		0.241 067	9.938 155		143	5 9.0
858	9.697 100	13	9.758 950	17	0.241 050	9.938 150	5	142	6 10.8
859	9.697 114	14	9.758 968	18	0.241 032	9.938 146	4	141	7 12.6
		13		17			4		8 14.4
.860	9.697 127		9.758 985		0.241 015	9.938 142		**.140**	9 16.2
		13		18			5		
861	9.697 140		9.759 003		0.240 997	9.938 137		139	
862	9.697 153	13	9.759 020	17	0.240 980	9.938 133	4	138	
863	9.697 166	13	9.759 038	18	0.240 962	9.938 129	4	137	
		14		17			5		
864	9.697 180		9.759 055		0.240 945	9.938 124		136	
865	9.697 193	13	9.759 073	18	0.240 927	9.938 120	4	135	
866	9.697 206	13	9.759 091	18	0.240 909	9.938 115	5	134	17
		13		17			4		1 1.7
867	9.697 219		9.759 108		0.240 892	9.938 111		133	2 3.4
868	9.697 232	13	9.759 126	18	0.240 874	9.938 107	4	132	3 5.1
869	9.697 246	14	9.759 143	17	0.240 857	9.938 102	5	131	4 6.8
		13		18			4		5 8.5
.870	9.697 259		9.759 161		0.240 839	9.938 098		**.130**	6 10.2
		13		17			4		7 11.9
871	9.697 272		9.759 178		0.240 822	9.938 094		129	8 13.6
872	9.697 285	13	9.759 196	18	0.240 804	9.938 089	5	128	9 15.3
873	9.697 298	13	9.759 213	17	0.240 787	9.938 085	4	127	
		14		18			4		
874	9.697 312		9.759 231		0.240 769	9.938 081		126	
875	9.697 325	13	9.759 248	17	0.240 752	9.938 076	5	125	
876	9.697 338	13	9.759 266	18	0.240 734	9.938 072	4	124	
		13		18			4		
877	9.697 351		9.759 284		0.240 716	9.938 068		123	14
878	9.697 364	13	9.759 301	17	0.240 699	9.938 063	5	122	
879	9.697 378	14	9.759 319	18	0.240 681	9.938 059	4	121	1 1.4
		13		17			4		2 2.8
.880	9.697 391		9.759 336		0.240 664	9.938 055		**.120**	3 4.2
		13		18			5		4 5.6
881	9.697 404		9.759 354		0.240 646	9.938 050		119	5 7.0
882	9.697 417	13	9.759 371	17	0.240 629	9.938 046	4	118	6 8.4
883	9.697 430	13	9.759 389	18	0.240 611	9.938 041	5	117	7 9.8
		14		17			4		8 11.2
884	9.697 444		9.759 406		0.240 594	9.938 037		116	9 12.6
885	9.697 457	13	9.759 424	18	0.240 576	9.938 033	4	115	
886	9.697 470	13	9.759 442	18	0.240 558	9.938 028	5	114	
		13		17			4		
887	9.697 483		9.759 459		0.240 541	9.938 024		113	
888	9.697 496	13	9.759 477	18	0.240 523	9.938 020	4	112	
889	9.697 509	13	9.759 494	17	0.240 506	9.938 015	5	111	13
		14		18			4		
.890	9.697 523		9.759 512		0.240 488	9.938 011		**.110**	1 1.3
		13		17			4		2 2.6
891	9.697 536		9.759 529		0.240 471	9.938 007		109	3 3.9
892	9.697 549	13	9.759 547	18	0.240 453	9.938 002	5	108	4 5.2
893	9.697 562	13	9.759 564	17	0.240 436	9.937 998	4	107	5 6.5
		13		18			4		6 7.8
894	9.697 575		9.759 582		0.240 418	9.937 994		106	7 9.1
895	9.697 589	14	9.759 599	17	0.240 401	9.937 989	5	105	8 10.4
896	9.697 602	13	9.759 617	18	0.240 383	9.937 985	4	104	9 11.7
		13		17			5		
897	9.697 615		9.759 634		0.240 366	9.937 980		103	
898	9.697 628	13	9.759 652	18	0.240 348	9.937 976	4	102	
899	9.697 641	13	9.759 670	18	0.240 330	9.937 972	4	101	
		13		17			5		
.900	9.697 654		9.759 687		0.240 313	9.937 967		**.100**	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.150 — 60°.100

29°.900 — 29°.950

29°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.697 654		9.759 687		0.240 313	9.937 967		**.100**	
		14		18			4		
901	9.697 668		9.759 705		0.240 295	9.937 963		099	
902	9.697 681	13	9.759 722	17	0.240 278	9.937 959	4	098	
903	9.697 694	13	9.759 740	18	0.240 260	9.937 954	5	097	
		13		17			4		
904	9.697 707		9.759 757		0.240 243	9.937 950		096	
905	9.697 720	13	9.759 775	18	0.240 225	9.937 946	4	095	
906	9.697 734	14	9.759 792	17	0.240 208	9.937 941	5	094	
		13		18			4		
907	9.697 747		9.759 810		0.240 190	9.937 937		093	
908	9.697 760	13	9.759 827	17	0.240 173	9.937 932	5	092	
909	9.697 773	13	9.759 845	18	0.240 155	9.937 928	4	091	
		13		17			4		
.910	9.697 786		9.759 862		0.240 138	9.937 924		**.090**	
		13		18			5		
911	9.697 799		9.759 880		0.240 120	9.937 919		089	
912	9.697 813	14	9.759 898	18	0.240 102	9.937 915	4	088	
913	9.697 826	13	9.759 915	17	0.240 085	9.937 911	4	087	
		13		18			5		
914	9.697 839		9.759 933		0.240 067	9.937 906		086	
915	9.697 852	13	9.759 950	17	0.240 050	9.937 902	4	085	
916	9.697 865	13	9.759 968	18	0.240 032	9.937 898	4	084	
		13		17			5		
917	9.697 878		9.759 985		0.240 015	9.937 893		083	
918	9.697 892	14	9.760 003	18	0.239 997	9.937 889	4	082	
919	9.697 905	13	9.760 020	17	0.239 980	9.937 885	4	081	
		13		18			5		
.920	9.697 918		9.760 038		0.239 962	9.937 880		**.080**	
		13		17			4		
921	9.697 931		9.760 055		0.239 945	9.937 876		079	
922	9.697 944	13	9.760 073	18	0.239 927	9.937 871	5	078	
923	9.697 958	14	9.760 090	17	0.239 910	9.937 867	4	077	
		13		18			4		
924	9.697 971		9.760 108		0.239 892	9.937 863		076	
925	9.697 984	13	9.760 126	18	0.239 874	9.937 858	5	075	
926	9.697 997	13	9.760 143	17	0.239 857	9.937 854	4	074	
		13		18			4		
927	9.698 010		9.760 161		0.239 839	9.937 850		073	
928	9.698 023	13	9.760 178	17	0.239 822	9.937 845	5	072	
929	9.698 037	14	9.760 196	18	0.239 804	9.937 841	4	071	
		13		17			4		
.930	9.698 050		9.760 213		0.239 787	9.937 837		**.070**	
		13		18			5		
931	9.698 063		9.760 231		0.239 769	9.937 832		069	
932	9.698 076	13	9.760 248	17	0.239 752	9.937 828	4	068	
933	9.698 089	13	9.760 266	18	0.239 734	9.937 823	5	067	
		13		17			4		
934	9.698 102		9.760 283		0.239 717	9.937 819		066	
935	9.698 116	14	9.760 301	18	0.239 699	9.937 815	4	065	
936	9.698 129	13	9.760 318	17	0.239 682	9.937 810	5	064	
		13		18			4		
937	9.698 142		9.760 336		0.239 664	9.937 806		063	
938	9.698 155	13	9.760 353	17	0.239 647	9.937 802	4	062	
939	9.698 168	13	9.760 371	18	0.239 629	9.937 797	5	061	
		13		17			4		
.940	9.698 181		9.760 388		0.239 612	9.937 793		**.060**	
		13		18			4		
941	9.698 194		9.760 406		0.239 594	9.937 789		059	
942	9.698 208	14	9.760 423	17	0.239 577	9.937 784	5	058	
943	9.698 221	13	9.760 441	18	0.239 559	9.937 780	4	057	
		13		18			5		
944	9.698 234		9.760 459		0.239 541	9.937 775		056	
945	9.698 247	13	9.760 476	17	0.239 524	9.937 771	4	055	
946	9.698 260	13	9.760 494	18	0.239 506	9.937 767	4	054	
		13		17			5		
947	9.698 273		9.760 511		0.239 489	9.937 762		053	
948	9.698 287	14	9.760 529	18	0.239 471	9.937 758	4	052	
949	9.698 300	13	9.760 546	17	0.239 454	9.937 754	4	051	
		13		18			5		
.950	9.698 313		9.760 564		0.239 436	9.937 749		**.050**	
	cos	d	cotg	d	tang	sin	d	**60°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

60°.100 — 60°.050

29°.950 — 30°.000

29°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.698 313	13	9.760 564	17	0.239 436	9.937 749	4	**.050**	
951	9.698 326	13	9.760 581	18	0.239 419	9.937 745	5	049	
952	9.698 339	13	9.760 599	17	0.239 401	9.937 740	4	048	
953	9.698 352	14	9.760 616	18	0.239 384	9.937 736	4	047	
954	9.698 366	13	9.760 634	17	0.239 366	9.937 732	5	046	
955	9.698 379	13	9.760 651	18	0.239 349	9.937 727	4	045	
956	9.698 392	13	9.760 669	17	0.239 331	9.937 723	4	044	
957	9.698 405	13	9.760 686	18	0.239 314	9.937 719	5	043	
958	9.698 418	13	9.760 704	17	0.239 296	9.937 714	4	042	
959	9.698 431	13	9.760 721	18	0.239 279	9.937 710	4	041	
.960	9.698 444	14	9.760 739	17	0.239 261	9.937 706	5	**.040**	
961	9.698 458	13	9.760 756	18	0.239 244	9.937 701	4	039	
962	9.698 471	13	9.760 774	17	0.239 226	9.937 697	5	038	
963	9.698 484	13	9.760 791	18	0.239 209	9.937 692	4	037	
964	9.698 497	13	9.760 809	17	0.239 191	9.937 688	4	036	
965	9.698 510	13	9.760 826	18	0.239 174	9.937 684	5	035	
966	9.698 523	13	9.760 844	18	0.239 156	9.937 679	4	034	
967	9.698 536	14	9.760 862	17	0.239 138	9.937 675	4	033	
968	9.698 550	13	9.760 879	18	0.239 121	9.937 671	5	032	
969	9.698 563	13	9.760 897	17	0.239 103	9.937 666	4	031	
.970	9.698 576	13	9.760 914	18	0.239 086	9.937 662	5	**.030**	
971	9.698 589	13	9.760 932	17	0.239 068	9.937 657	4	029	
972	9.698 602	13	9.760 949	18	0.239 051	9.937 653	4	028	
973	9.698 615	13	9.760 967	17	0.239 033	9.937 649	5	027	
974	9.698 628	14	9.760 984	18	0.239 016	9.937 644	4	026	
975	9.698 642	13	9.761 002	17	0.238 998	9.937 640	4	025	
976	9.698 655	13	9.761 019	18	0.238 981	9.937 636	5	024	
977	9.698 668	13	9.761 037	17	0.238 963	9.937 631	4	023	
978	9.698 681	13	9.761 054	18	0.238 946	9.937 627	5	022	
979	9.698 694	13	9.761 072	17	0.238 928	9.937 622	4	021	
.980	9.698 707	13	9.761 089	18	0.238 911	9.937 618	4	**.020**	
981	9.698 720	14	9.761 107	17	0.238 893	9.937 614	5	019	
982	9.698 734	13	9.761 124	18	0.238 876	9.937 609	4	018	
983	9.698 747	13	9.761 142	17	0.238 858	9.937 605	4	017	
984	9.698 760	13	9.761 159	18	0.238 841	9.937 601	5	016	
985	9.698 773	13	9.761 177	17	0.238 823	9.937 596	4	015	
986	9.698 786	13	9.761 194	18	0.238 806	9.937 592	4	014	
987	9.698 799	13	9.761 212	17	0.238 788	9.937 588	5	013	
988	9.698 812	14	9.761 229	18	0.238 771	9.937 583	4	012	
989	9.698 826	13	9.761 247	17	0.238 753	9.937 579	5	011	
.990	9.698 839	13	9.761 264	18	0.238 736	9.937 574	4	**.010**	
991	9.698 852	13	9.761 282	17	0.238 718	9.937 570	4	009	
992	9.698 865	13	9.761 299	18	0.238 701	9.937 566	5	008	
993	9.698 878	13	9.761 317	17	0.238 683	9.937 561	4	007	
994	9.698 891	13	9.761 334	18	0.238 666	9.937 557	4	006	
995	9.698 904	13	9.761 352	17	0.238 648	9.937 553	5	005	
996	9.698 917	14	9.761 369	18	0.238 631	9.937 548	4	004	
997	9.698 931	13	9.761 387	17	0.238 613	9.937 544	5	003	
998	9.698 944	13	9.761 404	18	0.238 596	9.937 539	4	002	
999	9.698 957	13	9.761 422	17	0.238 578	9.937 535	4	001	
***000**	9.698 970		9.761 439		0.238 561	9.937 531		**.000**	
	cos	d	cotg	d	tang	sin	d	**60°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

60°.050 — 60°.000

30°.000 — 30°.050

30°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.698 970		9.761 439		0.238 561	9.937 531		*000	
		13		18			5		
001	9.698 983		9.761 457		0.238 543	9.937 526		999	
002	9.698 996	13	9.761 474	17	0.238 526	9.937 522	4	998	
003	9.699 009	13	9.761 492	18	0.238 508	9.937 518	4	997	
		14		17			5		18
004	9.699 023		9.761 509	18	0.238 491	9.937 513		996	1 1.8
005	9.699 036	13	9.761 527		0.238 473	9.937 509	4	995	2 3.6
006	9.699 049	13	9.761 544	17	0.238 456	9.937 504	5	994	3 5.4
		13		18			4		4 7.2
007	9.699 062		9.761 562		0.238 438	9.937 500		993	5 9.0
008	9.699 075	13	9.761 579	17	0.238 421	9.937 496	4	992	6 10.8
009	9.699 088	13	9.761 597	18	0.238 403	9.937 491	5	991	7 12.6
		13		17			4		8 14.4
.010	9.699 101		9.761 614	18	0.238 386	9.937 487		.990	9 16.2
		13					5		
011	9.699 114		9.761 632		0.238 368	9.937 482		989	
012	9.699 128	14	9.761 649	17	0.238 351	9.937 478	4	988	
013	9.699 141	13	9.761 667	18	0.238 333	9.937 474	4	987	
		13		17			5		
014	9.699 154		9.761 684		0.238 316	9.937 469		986	
015	9.699 167	13	9.761 702	18	0.238 298	9.937 465	4	985	
016	9.699 180	13	9.761 719	17	0.238 281	9.937 461	4	984	17
		13		18			5		1 1.7
017	9.699 193		9.761 737		0.238 263	9.937 456		983	2 3.4
018	9.699 206	13	9.761 754	17	0.238 246	9.937 452	4	982	3 5.1
019	9.699 219	13	9.761 772	18	0.238 228	9.937 447	5	981	4 6.8
		13		17			4		5 8.5
.020	9.699 232		9.761 789	18	0.238 211	9.937 443		.980	6 10.2
		14					4		7 11.9
021	9.699 246		9.761 807		0.238 193	9.937 439		979	8 13.6
022	9.699 259	13	9.761 824	17	0.238 176	9.937 434	5	978	9 15.3
023	9.699 272	13	9.761 842	18	0.238 158	9.937 430	4	977	
		13		17			4		
024	9.699 285		9.761 859		0.238 141	9.937 426		976	
025	9.699 298	13	9.761 877	18	0.238 123	9.937 421	5	975	
026	9.699 311	13	9.761 894	17	0.238 106	9.937 417	4	974	
		13		18			5		
027	9.699 324		9.761 912		0.238 088	9.937 412		973	14
028	9.699 337	13	9.761 929	17	0.238 071	9.937 408	4	972	
029	9.699 351	14	9.761 947	18	0.238 053	9.937 404	4	971	1 1.4
		13		17			5		2 2.8
.030	9.699 364		9.761 964	18	0.238 036	9.937 399		.970	3 4.2
		13					4		4 5.6
031	9.699 377		9.761 982		0.238 018	9.937 395		969	5 7.0
032	9.699 390	13	9.761 999	17	0.238 001	9.937 391	4	968	6 8.4
033	9.699 403	13	9.762 017	18	0.237 983	9.937 386	5	967	7 9.8
		13		17			4		8 11.2
034	9.699 416		9.762 034		0.237 966	9.937 382		966	9 12.6
035	9.699 429	13	9.762 052	18	0.237 948	9.937 377	5	965	
036	9.699 442	13	9.762 069	17	0.237 931	9.937 373	4	964	
		13		18			4		
037	9.699 455		9.762 087		0.237 913	9.937 369		963	
038	9.699 469	14	9.762 104	17	0.237 896	9.937 364	5	962	
039	9.699 482	13	9.762 122	18	0.237 878	9.937 360	4	961	13
		13		17			5		
.040	9.699 495		9.762 139	18	0.237 861	9.937 355		.960	1 1.3
		13					4		2 2.6
041	9.699 508		9.762 157		0.237 843	9.937 351		959	3 3.9
042	9.699 521	13	9.762 174	17	0.237 826	9.937 347	4	958	4 5.2
043	9.699 534	13	9.762 192	18	0.237 808	9.937 342	5	957	5 6.5
		13		17			4		6 7.8
044	9.699 547		9.762 209		0.237 791	9.937 338		956	7 9.1
045	9.699 560	13	9.762 227	18	0.237 773	9.937 334	4	955	8 10.4
046	9.699 573	13	9.762 244	17	0.237 756	9.937 329	5	954	9 11.7
		13		18			4		
047	9.699 586		9.762 262		0.237 738	9.937 325		953	
048	9.699 600	14	9.762 279	17	0.237 721	9.937 320	5	952	
049	9.699 613	13	9.762 297	18	0.237 703	9.937 316	4	951	
		13		17			4		
.050	9.699 626		9.762 314		0.237 686	9.937 312		.950	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

60°.000 — 59°.950

30°.050 — 30°.100

30°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.699 626		9.762 314		0.237 686	9.937 312		**.950**	
		13		18			5		
051	9.699 639		9.762 332		0.237 668	9.937 307		949	
052	9.699 652	13	9.762 349	17	0.237 651	9.937 303	4	948	
053	9.699 665	13	9.762 367	18	0.237 633	9.937 298	5	947	
		13		17			4		18
054	9.699 678		9.762 384		0.237 616	9.937 294		946	1 1.8
055	9.699 691	13	9.762 402	18	0.237 598	9.937 290	4	945	2 3.6
056	9.699 704	13	9.762 419	17	0.237 581	9.937 285	5	944	3 5.4
		13		18			4		4 7.2
057	9.699 717		9.762 437		0.237 563	9.937 281		943	5 9.0
058	9.699 731	14	9.762 454	17	0.237 546	9.937 277	4	942	6 10.8
059	9.699 744	13	9.762 472	18	0.237 528	9.937 272	5	941	7 12.6
		13		17			4		8 14.4
.060	9.699 757		9.762 489		0.237 511	9.937 268		**.940**	9 16.2
		13		18			5		
061	9.699 770		9.762 507		0.237 493	9.937 263		939	
062	9.699 783	13	9.762 524	17	0.237 476	9.937 259	4	938	
063	9.699 796	13	9.762 541	17	0.237 459	9.937 255	4	937	
		13		18			5		
064	9.699 809		9.762 559		0.237 441	9.937 250		936	
065	9.699 822	13	9.762 576	17	0.237 424	9.937 246	4	935	
066	9.699 835	13	9.762 594	18	0.237 406	9.937 241	5	934	
		13		17			4		17
067	9.699 848		9.762 611		0.237 389	9.937 237		933	1 1.7
068	9.699 862	14	9.762 629	18	0.237 371	9.937 233	4	932	2 3.4
069	9.699 875	13	9.762 646	17	0.237 354	9.937 228	5	931	3 5.1
		13		18			4		4 6.8
.070	9.699 888		9.762 664		0.237 336	9.937 224		**.930**	5 8.5
		13		17			5		6 10.2
071	9.699 901		9.762 681		0.237 319	9.937 219		929	7 11.9
072	9.699 914	13	9.762 699	18	0.237 301	9.937 215	4	928	8 13.6
073	9.699 927	13	9.762 716	17	0.237 284	9.937 211	4	927	9 15.3
		13		18			5		
074	9.699 940		9.762 734		0.237 266	9.937 206		926	
075	9.699 953	13	9.762 751	17	0.237 249	9.937 202	4	925	
076	9.699 966	13	9.762 769	18	0.237 231	9.937 198	4	924	
		13		17			5		
077	9.699 979		9.762 786		0.237 214	9.937 193		923	14
078	9.699 992	13	9.762 804	18	0.237 196	9.937 189	4	922	
079	9.700 006	14	9.762 821	17	0.237 179	9.937 184	5	921	1 1.4
		13		18			4		2 2.8
.080	9.700 019		9.762 839		0.237 161	9.937 180		**.920**	3 4.2
		13		17			4		4 5.6
081	9.700 032		9.762 856		0.237 144	9.937 176		919	5 7.0
082	9.700 045	13	9.762 874	18	0.237 126	9.937 171	5	918	6 8.4
083	9.700 058	13	9.762 891	17	0.237 109	9.937 167	4	917	7 9.8
		13		18			5		8 11.2
084	9.700 071		9.762 909		0.237 091	9.937 162		916	9 12.6
085	9.700 084	13	9.762 926	17	0.237 074	9.937 158	4	915	
086	9.700 097	13	9.762 943	17	0.237 057	9.937 154	4	914	
		13		18			5		
087	9.700 110		9.762 961		0.237 039	9.937 149		913	
088	9.700 123	13	9.762 978	17	0.237 022	9.937 145	4	912	
089	9.700 136	13	9.762 996	18	0.237 004	9.937 140	5	911	13
		13		17			4		
.090	9.700 149		9.763 013		0.236 987	9.937 136		**.910**	1 1.3
		14		18			4		2 2.6
091	9.700 163		9.763 031		0.236 969	9.937 132		909	3 3.9
092	9.700 176	13	9.763 048	17	0.236 952	9.937 127	5	908	4 5.2
093	9.700 189	13	9.763 066	18	0.236 934	9.937 123	4	907	5 6.5
		13		17			5		6 7.8
094	9.700 202		9.763 083		0.236 917	9.937 118		906	7 9.1
095	9.700 215	13	9.763 101	18	0.236 899	9.937 114	4	905	8 10.4
096	9.700 228	13	9.763 118	17	0.236 882	9.937 110	4	904	9 11.7
		13		18			5		
097	9.700 241		9.763 136		0.236 864	9.937 105		903	
098	9.700 254	13	9.763 153	17	0.236 847	9.937 101	4	902	
099	9.700 267	13	9.763 171	18	0.236 829	9.937 097	4	901	
		13		17			5		
.100	9.700 280		9.763 188		0.236 812	9.937 092		**.900**	
	cos	d	cotg	d	tang	sin	d	**59°**	P.P.

59°.950 — 59°.900

30°.100 — 30°.150

30°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.700 280		9.763 188		0.236 812	9.937 092		**.900**	
		13		18			4		
101	9.700 293		9.763 206		0.236 794	9.937 088		899	
102	9.700 306	13	9.763 223	17	0.236 777	9.937 083	5	898	
103	9.700 319	13	9.763 241	18	0.236 759	9.937 079	4	897	
		14		17			4		18
104	9.700 333		9.763 258		0.236 742	9.937 075		896	1 1.8
105	9.700 346	13	9.763 275	17	0.236 725	9.937 070	5	895	2 3.6
106	9.700 359	13	9.763 293	18	0.236 707	9.937 066	4	894	3 5.4
		13		17			5		4 7.2
107	9.700 372		9.763 310		0.236 690	9.937 061		893	5 9.0
108	9.700 385	13	9.763 328	18	0.236 672	9.937 057	4	892	6 10.8
109	9.700 398	13	9.763 345	17	0.236 655	9.937 053	4	891	7 12.6
		13		18			5		8 14.4
.110	9.700 411		9.763 363		0.236 637	9.937 048		**.890**	9 16.2
		13		17			4		
111	9.700 424		9.763 380		0.236 620	9.937 044		889	
112	9.700 437	13	9.763 398	18	0.236 602	9.937 039	5	888	
113	9.700 450	13	9.763 415	17	0.236 585	9.937 035	4	887	
		13		18			4		
114	9.700 463		9.763 433		0.236 567	9.937 031		886	
115	9.700 476	13	9.763 450	17	0.236 550	9.937 026	5	885	
116	9.700 489	13	9.763 468	18	0.236 532	9.937 022	4	884	17
		13		17			5		
117	9.700 502		9.763 485		0.236 515	9.937 017		883	1 1.7
118	9.700 516	14	9.763 503	18	0.236 497	9.937 013	4	882	2 3.4
119	9.700 529	13	9.763 520	17	0.236 480	9.937 009	4	881	3 5.1
		13		17			5		4 6.8
.120	9.700 542		9.763 537		0.236 463	9.937 004		**.880**	5 8.5
		13		18			4		6 10.2
121	9.700 555		9.763 555		0.236 445	9.937 000		879	7 11.9
122	9.700 568	13	9.763 572	17	0.236 428	9.936 995	5	878	8 13.6
123	9.700 581	13	9.763 590	18	0.236 410	9.936 991	4	877	9 15.3
		13		17			4		
124	9.700 594		9.763 607		0.236 393	9.936 987		876	
125	9.700 607	13	9.763 625	18	0.236 375	9.936 982	5	875	
126	9.700 620	13	9.763 642	17	0.236 358	9.936 978	4	874	
		13		18			5		
127	9.700 633		9.763 660		0.236 340	9.936 973		873	14
128	9.700 646	13	9.763 677	17	0.236 323	9.936 969	4	872	
129	9.700 659	13	9.763 695	18	0.236 305	9.936 965	4	871	1 1.4
		13		17			5		2 2.8
.130	9.700 672		9.763 712		0.236 288	9.936 960		**.870**	3 4.2
		13		18			4		4 5.6
131	9.700 685		9.763 730		0.236 270	9.936 956		869	5 7.0
132	9.700 698	13	9.763 747	17	0.236 253	9.936 951	5	868	6 8.4
133	9.700 711	13	9.763 764	17	0.236 236	9.936 947	4	867	7 9.8
		14		18			4		8 11.2
134	9.700 725		9.763 782		0.236 218	9.936 943		866	9 12.6
135	9.700 738	13	9.763 799	17	0.236 201	9.936 938	5	865	
136	9.700 751	13	9.763 817	18	0.236 183	9.936 934	4	864	
		13		17			5		
137	9.700 764		9.763 834		0.236 166	9.936 929		863	
138	9.700 777	13	9.763 852	18	0.236 148	9.936 925	4	862	
139	9.700 790	13	9.763 869	17	0.236 131	9.936 921	4	861	13
		13		18			5		
.140	9.700 803		9.763 887		0.236 113	9.936 916		**.860**	1 1.3
		13		17			4		2 2.6
141	9.700 816		9.763 904		0.236 096	9.936 912		859	3 3.9
142	9.700 829	13	9.763 922	18	0.236 078	9.936 907	5	858	4 5.2
143	9.700 842	13	9.763 939	17	0.236 061	9.936 903	4	857	5 6.5
		13		17			4		6 7.8
144	9.700 855		9.763 956		0.236 044	9.936 899		856	7 9.1
145	9.700 868	13	9.763 974	18	0.236 026	9.936 894	5	855	8 10.4
146	9.700 881	13	9.763 991	17	0.236 009	9.936 890	4	854	9 11.7
		13		18			5		
147	9.700 894		9.764 009		0.235 991	9.936 885		853	
148	9.700 907	13	9.764 026	17	0.235 974	9.936 881	4	852	
149	9.700 920	13	9.764 044	18	0.235 956	9.936 877	4	851	
		13		17			5		
.150	9.700 933		9.764 061		0.235 939	9.936 872		**.850**	
	cos	d	cotg	d	tang	sin	d	**59°**	P.P.

59°.900 — 59°.850

30°.150 — 30°.200

30°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.700 933		9.764 061		0.235 939	9.936 872		.850	
		13		18			4		
151	9.700 946		9.764 079		0.235 921	9.936 868		849	
152	9.700 959	13	9.764 096	17	0.235 904	9.936 863	5	848	
153	9.700 973	14	9.764 114	18	0.235 886	9.936 859	4	847	
		13		17			4		
154	9.700 986		9.764 131		0.235 869	9.936 855		846	
155	9.700 999	13	9.764 148	17	0.235 852	9.936 850	5	845	
156	9.701 012	13	9.764 166	18	0.235 834	9.936 846	4	844	
		13		17			5		
157	9.701 025		9.764 183		0.235 817	9.936 841		843	
158	9.701 038	13	9.764 201	18	0.235 799	9.936 837	4	842	
159	9.701 051	13	9.764 218	17	0.235 782	9.936 833	4	841	
		13		18			5		
.160	9.701 064		9.764 236		0.235 764	9.936 828		.840	
		13		17			4		
161	9.701 077		9.764 253		0.235 747	9.936 824		839	
162	9.701 090	13	9.764 271	18	0.235 729	9.936 819	5	838	
163	9.701 103	13	9.764 288	17	0.235 712	9.936 815	4	837	
		13		17			4		
164	9.701 116		9.764 305		0.235 695	9.936 811		836	
165	9.701 129	13	9.764 323	18	0.235 677	9.936 806	5	835	
166	9.701 142	13	9.764 340	17	0.235 660	9.936 802	4	834	
		13		18			5		
167	9.701 155		9.764 358		0.235 642	9.936 797		833	
168	9.701 168	13	9.764 375	17	0.235 625	9.936 793	4	832	
169	9.701 181	13	9.764 393	18	0.235 607	9.936 789	4	831	
		13		17			5		
.170	9.701 194		9.764 410		0.235 590	9.936 784		.830	
		13		18			4		
171	9.701 207		9.764 428		0.235 572	9.936 780		829	
172	9.701 220	13	9.764 445	17	0.235 555	9.936 775	5	828	
173	9.701 233	13	9.764 462	17	0.235 538	9.936 771	4	827	
		13		18			5		
174	9.701 246		9.764 480		0.235 520	9.936 766		826	
175	9.701 259	13	9.764 497	17	0.235 503	9.936 762	4	825	
176	9.701 272	13	9.764 515	18	0.235 485	9.936 758	4	824	
		14		17			5		
177	9.701 286		9.764 532		0.235 468	9.936 753		823	
178	9.701 299	13	9.764 550	18	0.235 450	9.936 749	4	822	
179	9.701 312	13	9.764 567	17	0.235 433	9.936 744	5	821	
		13		18			4		
.180	9.701 325		9.764 585		0.235 415	9.936 740		.820	
		13		17			4		
181	9.701 338		9.764 602		0.235 398	9.936 736		819	
182	9.701 351	13	9.764 619	17	0.235 381	9.936 731	5	818	
183	9.701 364	13	9.764 637	18	0.235 363	9.936 727	4	817	
		13		17			5		
184	9.701 377		9.764 654		0.235 346	9.936 722		816	
185	9.701 390	13	9.764 672	18	0.235 328	9.936 718	4	815	
186	9.701 403	13	9.764 689	17	0.235 311	9.936 714	4	814	
		13		18			5		
187	9.701 416		9.764 707		0.235 293	9.936 709		813	
188	9.701 429	13	9.764 724	17	0.235 276	9.936 705	4	812	
189	9.701 442	13	9.764 742	18	0.235 258	9.936 700	5	811	
		13		17			4		
.190	9.701 455		9.764 759		0.235 241	9.936 696		.810	
		13		17			4		
191	9.701 468		9.764 776		0.235 224	9.936 692		809	
192	9.701 481	13	9.764 794	18	0.235 206	9.936 687	5	808	
193	9.701 494	13	9.764 811	17	0.235 189	9.936 683	4	807	
		13		18			5		
194	9.701 507		9.764 829		0.235 171	9.936 678		806	
195	9.701 520	13	9.764 846	17	0.235 154	9.936 674	4	805	
196	9.701 533	13	9.764 864	18	0.235 136	9.936 669	5	804	
		13		17			4		
197	9.701 546		9.764 881		0.235 119	9.936 665		803	
198	9.701 559	13	9.764 898	17	0.235 102	9.936 661	4	802	
199	9.701 572	13	9.764 916	18	0.235 084	9.936 656	5	801	
		13		17			4		
.200	9.701 585		9.764 933		0.235 067	9.936 652		.800	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

59°.850 — 59°.800

30°.200 — 30°.250

30°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.701 585		9.764 933		0.235 067	9.936 652		.800	
		13		18			5		
201	9.701 598		9.764 951		0.235 049	9.936 647		799	
202	9.701 611	13	9.764 968	17	0.235 032	9.936 643	4	798	
203	9.701 624	13	9.764 986	18	0.235 014	9.936 639	4	797	
		13		17			5		
204	9.701 637		9.765 003		0.234 997	9.936 634		796	
205	9.701 650	13	9.765 021	18	0.234 979	9.936 630	4	795	
206	9.701 663	13	9.765 038	17	0.234 962	9.936 625	5	794	
		13		17			4		
207	9.701 676		9.765 055		0.234 945	9.936 621		793	
208	9.701 689	13	9.765 073	18	0.234 927	9.936 617	4	792	
209	9.701 702	13	9.765 090	17	0.234 910	9.936 612	5	791	
		13		18			4		
.210	9.701 715		9.765 108		0.234 892	9.936 608		.790	
		13		17			5		
211	9.701 728		9.765 125		0.234 875	9.936 603		789	
212	9.701 741	13	9.765 143	18	0.234 857	9.936 599	4	788	
213	9.701 754	13	9.765 160	17	0.234 840	9.936 594	5	787	
		13		17			4		
214	9.701 767		9.765 177		0.234 823	9.936 590		786	
215	9.701 781	14	9.765 195	18	0.234 805	9.936 586	4	785	
216	9.701 794	13	9.765 212	17	0.234 788	9.936 581	5	784	
		13		18			4		
217	9.701 807		9.765 230		0.234 770	9.936 577		783	
218	9.701 820	13	9.765 247	17	0.234 753	9.936 572	5	782	
219	9.701 833	13	9.765 265	18	0.234 735	9.936 568	4	781	
		13		17			4		
.220	9.701 846		9.765 282		0.234 718	9.936 564		.780	
		13		17			5		
221	9.701 859		9.765 299		0.234 701	9.936 559		779	
222	9.701 872	13	9.765 317	18	0.234 683	9.936 555	4	778	
223	9.701 885	13	9.765 334	17	0.234 666	9.936 550	5	777	
		13		18			4		
224	9.701 898		9.765 352		0.234 648	9.936 546		776	
225	9.701 911	13	9.765 369	17	0.234 631	9.936 542	4	775	
226	9.701 924	13	9.765 387	18	0.234 613	9.936 537	5	774	
		13		17			4		
227	9.701 937		9.765 404		0.234 596	9.936 533		773	
228	9.701 950	13	9.765 421	17	0.234 579	9.936 528	5	772	
229	9.701 963	13	9.765 439	18	0.234 561	9.936 524	4	771	
		13		17			5		
.230	9.701 976		9.765 456		0.234 544	9.936 519		.770	
		13		18			4		
231	9.701 989		9.765 474		0.234 526	9.936 515		769	
232	9.702 002	13	9.765 491	17	0.234 509	9.936 511	4	768	
233	9.702 015	13	9.765 509	18	0.234 491	9.936 506	5	767	
		13		17			4		
234	9.702 028		9.765 526		0.234 474	9.936 502		766	
235	9.702 041	13	9.765 543	17	0.234 457	9.936 497	5	765	
236	9.702 054	13	9.765 561	18	0.234 439	9.936 493	4	764	
		13		17			4		
237	9.702 067		9.765 578		0.234 422	9.936 489		763	
238	9.702 080	13	9.765 596	18	0.234 404	9.936 484	5	762	
239	9.702 093	13	9.765 613	17	0.234 387	9.936 480	4	761	
		13		17			5		
.240	9.702 106		9.765 630		0.234 370	9.936 475		.760	
		13		18			4		
241	9.702 119		9.765 648		0.234 352	9.936 471		759	
242	9.702 132	13	9.765 665	17	0.234 335	9.936 466	5	758	
243	9.702 145	13	9.765 683	18	0.234 317	9.936 462	4	757	
		13		17			4		
244	9.702 158		9.765 700		0.234 300	9.936 458		756	
245	9.702 171	13	9.765 718	18	0.234 282	9.936 453	5	755	
246	9.702 184	13	9.765 735	17	0.234 265	9.936 449	4	754	
		13		17			5		
247	9.702 197		9.765 752		0.234 248	9.936 444		753	
248	9.702 210	13	9.765 770	18	0.234 230	9.936 440	4	752	
249	9.702 223	13	9.765 787	17	0.234 213	9.936 435	5	751	
		13		18			4		
.250	9.702 236		9.765 805		0.234 195	9.936 431		.750	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

59°.800 — 59°.750

30°.250 — 30°.300

30°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.702 236		9.765 805		0.234 195	9.936 431		**.750**	
		13		17			4		
251	9.702 249		9.765 822		0.234 178	9.936 427		749	
252	9.702 262	13	9.765 840	18	0.234 160	9.936 422	5	748	
253	9.702 275	13	9.765 857	17	0.234 143	9.936 418	4	747	
		13		17			5		18
254	9.702 288		9.765 874		0.234 126	9.936 413		746	1 1.8
255	9.702 301	13	9.765 892	18	0.234 108	9.936 409	4	745	2 3.6
256	9.702 314	13	9.765 909	17	0.234 091	9.936 405	4	744	3 5.4
		13		18			5		4 7.2
257	9.702 327		9.765 927		0.234 073	9.936 400		743	5 9.0
258	9.702 340	13	9.765 944	17	0.234 056	9.936 396	4	742	6 10.8
259	9.702 353	13	9.765 961	17	0.234 039	9.936 391	5	741	7 12.6
		13		18			4		8 14.4
.260	9.702 366		9.765 979		0.234 021	9.936 387		**.740**	9 16.2
		13		17			5		
261	9.702 379		9.765 996		0.234 004	9.936 382		739	
262	9.702 392	13	9.766 014	18	0.233 986	9.936 378	4	738	
263	9.702 405	13	9.766 031	17	0.233 969	9.936 374	4	737	
		13		17			5		
264	9.702 418		9.766 048		0.233 952	9.936 369		736	
265	9.702 431	13	9.766 066	18	0.233 934	9.936 365	4	735	
266	9.702 444	13	9.766 083	17	0.233 917	9.936 360	5	734	
		13		18			4		17
267	9.702 457		9.766 101		0.233 899	9.936 356		733	1 1.7
268	9.702 470	13	9.766 118	17	0.233 882	9.936 351	5	732	2 3.4
269	9.702 483	13	9.766 136	18	0.233 864	9.936 347	4	731	3 5.1
		13		17			4		4 6.8
.270	9.702 496		9.766 153		0.233 847	9.936 343		**.730**	5 8.5
		13		17			5		6 10.2
271	9.702 509		9.766 170		0.233 830	9.936 338		729	7 11.9
272	9.702 522	13	9.766 188	18	0.233 812	9.936 334	4	728	8 13.6
273	9.702 535	13	9.766 205	17	0.233 795	9.936 329	5	727	9 15.3
		13		18			4		
274	9.702 548		9.766 223		0.233 777	9.936 325		726	
275	9.702 561	13	9.766 240	17	0.233 760	9.936 320	5	725	
276	9.702 573	12	9.766 257	17	0.233 743	9.936 316	4	724	
		13		18			4		
277	9.702 586		9.766 275		0.233 725	9.936 312		723	13
278	9.702 599	13	9.766 292	17	0.233 708	9.936 307	5	722	1 1.3
279	9.702 612	13	9.766 310	18	0.233 690	9.936 303	4	721	2 2.6
		13		17			5		3 3.9
.280	9.702 625		9.766 327		0.233 673	9.936 298		**.720**	4 5.2
		13		17			4		5 6.5
281	9.702 638		9.766 344		0.233 656	9.936 294		719	6 7.8
282	9.702 651	13	9.766 362	18	0.233 638	9.936 290	4	718	7 9.1
283	9.702 664	13	9.766 379	17	0.233 621	9.936 285	5	717	8 10.4
		13		18			4		9 11.7
284	9.702 677		9.766 397		0.233 603	9.936 281		716	
285	9.702 690	13	9.766 414	17	0.233 586	9.936 276	5	715	
286	9.702 703	13	9.766 431	17	0.233 569	9.936 272	4	714	
		13		18			5		
287	9.702 716		9.766 449		0.233 551	9.936 267		713	
288	9.702 729	13	9.766 466	17	0.233 534	9.936 263	4	712	
289	9.702 742	13	9.766 484	18	0.233 516	9.936 259	4	711	12
		13		17			5		
.290	9.702 755		9.766 501		0.233 499	9.936 254		**.710**	1 1.2
		13		18			4		2 2.4
291	9.702 768		9.766 519		0.233 481	9.936 250		709	3 3.6
292	9.702 781	13	9.766 536	17	0.233 464	9.936 245	5	708	4 4.8
293	9.702 794	13	9.766 553	17	0.233 447	9.936 241	4	707	5 6.0
		13		18			5		6 7.2
294	9.702 807		9.766 571		0.233 429	9.936 236		706	7 8.4
295	9.702 820	13	9.766 588	17	0.233 412	9.936 232	4	705	8 9.6
296	9.702 833	13	9.766 606	18	0.233 394	9.936 228	4	704	9 10.8
		13		17			5		
297	9.702 846		9.766 623		0.233 377	9.936 223		703	
298	9.702 859	13	9.766 640	17	0.233 360	9.936 219	4	702	
299	9.702 872	13	9.766 658	18	0.233 342	9.936 214	5	701	
		13		17			4		
.300	9.702 885		9.766 675		0.233 325	9.936 210		**.700**	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.750 — 59°.700

30°.300 — 30°.350

30°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.702 885		9.766 675		0.233 325	9.936 210		.700	
		13		18			5		
301	9.702 898		9.766 693		0.233 307	9.936 205		699	
302	9.702 911	13	9.766 710	17	0.233 290	9.936 201	4	698	
303	9.702 924	13	9.766 727	17	0.233 273	9.936 197	4	697	
		13		18			5		18
304	9.702 937		9.766 745		0.233 255	9.936 192		696	1 1.8
305	9.702 950	13	9.766 762	17	0.233 238	9.936 188	4	695	2 3.6
306	9.702 963	13	9.766 780	18	0.233 220	9.936 183	5	694	3 5.4
		13		17			4		4 7.2
307	9.702 976		9.766 797		0.233 203	9.936 179		693	5 9.0
308	9.702 989	13	9.766 814	17	0.233 186	9.936 174	5	692	6 10.8
309	9.703 002	13	9.766 832	18	0.233 168	9.936 170	4	691	7 12.6
		13		17			4		8 14.4
.310	9.703 015		9.766 849		0.233 151	9.936 166		.690	9 16.2
		13		18			5		
311	9.703 028		9.766 867		0.233 133	9.936 161		689	
312	9.703 041	13	9.766 884	17	0.233 116	9.936 157	4	688	
313	9.703 054	13	9.766 901	17	0.233 099	9.936 152	5	687	
		12		18			4		
314	9.703 066		9.766 919		0.233 081	9.936 148		686	
315	9.703 079	13	9.766 936	17	0.233 064	9.936 143	5	685	
316	9.703 092	13	9.766 954	18	0.233 046	9.936 139	4	684	17
		13		17			5		
317	9.703 105		9.766 971		0.233 029	9.936 134		683	1 1.7
318	9.703 118	13	9.766 988	17	0.233 012	9.936 130	4	682	2 3.4
319	9.703 131	13	9.767 006	18	0.232 994	9.936 126	4	681	3 5.1
		13		17			5		4 6.8
.320	9.703 144		9.767 023		0.232 977	9.936 121		.680	5 8.5
		13		17			4		6 10.2
321	9.703 157		9.767 040		0.232 960	9.936 117		679	7 11.9
322	9.703 170	13	9.767 058	18	0.232 942	9.936 112	5	678	8 13.6
323	9.703 183	13	9.767 075	17	0.232 925	9.936 108	4	677	9 15.3
		13		18			5		
324	9.703 196		9.767 093		0.232 907	9.936 103		676	
325	9.703 209	13	9.767 110	17	0.232 890	9.936 099	4	675	
326	9.703 222	13	9.767 127	17	0.232 873	9.936 095	4	674	
		13		18			5		
327	9.703 235		9.767 145		0.232 855	9.936 090		673	13
328	9.703 248	13	9.767 162	17	0.232 838	9.936 086	4	672	
329	9.703 261	13	9.767 180	18	0.232 820	9.936 081	5	671	1 1.3
		13		17			4		2 2.6
.330	9.703 274		9.767 197		0.232 803	9.936 077		.670	3 3.9
		13		17			5		4 5.2
331	9.703 287		9.767 214		0.232 786	9.936 072		669	5 6.5
332	9.703 300	13	9.767 232	18	0.232 768	9.936 068	4	668	6 7.8
333	9.703 313	13	9.767 249	17	0.232 751	9.936 064	4	667	7 9.1
		13		18			5		8 10.4
334	9.703 326		9.767 267		0.232 733	9.936 059		666	9 11.7
335	9.703 339	13	9.767 284	17	0.232 716	9.936 055	4	665	
336	9.703 352	13	9.767 301	17	0.232 699	9.936 050	5	664	
		13		18			4		
337	9.703 365		9.767 319		0.232 681	9.936 046		663	
338	9.703 377	12	9.767 336	17	0.232 664	9.936 041	5	662	
339	9.703 390	13	9.767 354	18	0.232 646	9.936 037	4	661	12
		13		17			5		
.340	9.703 403		9.767 371		0.232 629	9.936 032		.660	1 1.2
		13		17			4		2 2.4
341	9.703 416		9.767 388		0.232 612	9.936 028		659	3 3.6
342	9.703 429	13	9.767 406	18	0.232 594	9.936 024	4	658	4 4.8
343	9.703 442	13	9.767 423	17	0.232 577	9.936 019	5	657	5 6.0
		13		17			4		6 7.2
344	9.703 455		9.767 440		0.232 560	9.936 015		656	7 8.4
345	9.703 468	13	9.767 458	18	0.232 542	9.936 010	5	655	8 9.6
346	9.703 481	13	9.767 475	17	0.232 525	9.936 006	4	654	9 10.8
		13		18			5		
347	9.703 494		9.767 493		0.232 507	9.936 001		653	
348	9.703 507	13	9.767 510	17	0.232 490	9.935 997	4	652	
349	9.703 520	13	9.767 527	17	0.232 473	9.935 993	4	651	
		13		18			5		
.350	9.703 533		9.767 545		0.232 455	9.935 988		.650	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.700 — 59°.650

30°.350 — 30°.400

30°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.703 533		9.767 545		0.232 455	9.935 988		**.650**	
		13		17			4		
351	9.703 546		9.767 562		0.232 438	9.935 984		649	
		13		18			5		
352	9.703 559		9.767 580		0.232 420	9.935 979		648	
		13		17			4		
353	9.703 572		9.767 597		0.232 403	9.935 975		647	
		13		17			5		18
354	9.703 585		9.767 614		0.232 386	9.935 970		646	1 1.8
		13		18			4		2 3.6
355	9.703 598		9.767 632		0.232 368	9.935 966		645	3 5.4
		13		17			5		4 7.2
356	9.703 611		9.767 649		0.232 351	9.935 961		644	5 9.0
		12		17			4		6 10.8
357	9.703 623		9.767 666		0.232 334	9.935 957		643	7 12.6
		13		18			4		8 14.4
358	9.703 636		9.767 684		0.232 316	9.935 953		642	9 16.2
		13		17			5		
359	9.703 649		9.767 701		0.232 299	9.935 948		641	
		13		18			4		
.360	9.703 662		9.767 719		0.232 281	9.935 944		**.640**	
		13		17			5		
361	9.703 675		9.767 736		0.232 264	9.935 939		639	
		13		17			4		
362	9.703 688		9.767 753		0.232 247	9.935 935		638	
		13		18			5		
363	9.703 701		9.767 771		0.232 229	9.935 930		637	
		13		17			4		
364	9.703 714		9.767 788		0.232 212	9.935 926		636	
		13		17			4		
365	9.703 727		9.767 805		0.232 195	9.935 922		635	17
		13		18			5		
366	9.703 740		9.767 823		0.232 177	9.935 917		634	1 1.7
		13		17			4		2 3.4
367	9.703 753		9.767 840		0.232 160	9.935 913		633	3 5.1
		13		18			5		4 6.8
368	9.703 766		9.767 858		0.232 142	9.935 908		632	5 8.5
		13		17			4		6 10.2
369	9.703 779		9.767 875		0.232 125	9.935 904		631	7 11.9
		13		17			5		8 13.6
.370	9.703 792		9.767 892		0.232 108	9.935 899		**.630**	9 15.3
		13		18			4		
371	9.703 805		9.767 910		0.232 090	9.935 895		629	
		13		17			5		
372	9.703 818		9.767 927		0.232 073	9.935 890		628	
		12		17			4		
373	9.703 830		9.767 944		0.232 056	9.935 886		627	
		13		18			4		
374	9.703 843		9.767 962		0.232 038	9.935 882		626	
		13		17			5		
375	9.703 856		9.767 979		0.232 021	9.935 877		625	
		13		18			4		
376	9.703 869		9.767 997		0.232 003	9.935 873		624	
		13		17			5		
377	9.703 882		9.768 014		0.231 986	9.935 868		623	13
		13		17			4		
378	9.703 895		9.768 031		0.231 969	9.935 864		622	1 1.3
		13		18			5		2 2.6
379	9.703 908		9.768 049		0.231 951	9.935 859		621	3 3.9
		13		17			4		4 5.2
.380	9.703 921		9.768 066		0.231 934	9.935 855		**.620**	5 6.5
		13		17			5		6 7.8
381	9.703 934		9.768 083		0.231 917	9.935 850		619	7 9.1
		13		18			4		8 10.4
382	9.703 947		9.768 101		0.231 899	9.935 846		618	9 11.7
		13		17			4		
383	9.703 960		9.768 118		0.231 882	9.935 842		617	
		13		18			5		
384	9.703 973		9.768 136		0.231 864	9.935 837		616	
		13		17			4		
385	9.703 986		9.768 153		0.231 847	9.935 833		615	
		13		17			5		
386	9.703 999		9.768 170		0.231 830	9.935 828		614	
		12		18			4		
387	9.704 011		9.768 188		0.231 812	9.935 824		613	
		13		17			5		
388	9.704 024		9.768 205		0.231 795	9.935 819		612	
		13		17			4		
389	9.704 037		9.768 222		0.231 778	9.935 815		611	12
		13		18			5		
.390	9.704 050		9.768 240		0.231 760	9.935 810		**.610**	1 1.2
		13		17			4		2 2.4
391	9.704 063		9.768 257		0.231 743	9.935 806		609	3 3.6
		13		18			4		4 4.8
392	9.704 076		9.768 275		0.231 725	9.935 802		608	5 6.0
		13		17			5		6 7.2
393	9.704 089		9.768 292		0.231 708	9.935 797		607	7 8.4
		13		17			4		8 9.6
394	9.704 102		9.768 309		0.231 691	9.935 793		606	9 10.8
		13		18			5		
395	9.704 115		9.768 327		0.231 673	9.935 788		605	
		13		17			4		
396	9.704 128		9.768 344		0.231 656	9.935 784		604	
		13		17			5		
397	9.704 141		9.768 361		0.231 639	9.935 779		603	
		13		18			4		
398	9.704 154		9.768 379		0.231 621	9.935 775		602	
		13		17			5		
399	9.704 167		9.768 396		0.231 604	9.935 770		601	
		12		18			4		
.400	9.704 179		9.768 414		0.231 586	9.935 766		**.600**	
	cos	d	cotg	d	tang	sin	d	**59°**	P.P.

59°.650 — 59°.600

30°.400 — 30°.450

30°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.704 179		9.768 414		0.231 586	9.935 766		.600	
		13		17			4		
401	9.704 192		9.768 431		0.231 569	9.935 762		599	
402	9.704 205	13	9.768 448	17	0.231 552	9.935 757	5	598	
403	9.704 218	13	9.768 466	18	0.231 534	9.935 753	4	597	
		13		17			5		
404	9.704 231		9.768 483		0.231 517	9.935 748		596	
405	9.704 244	13	9.768 500	17	0.231 500	9.935 744	4	595	
406	9.704 257	13	9.768 518	18	0.231 482	9.935 739	5	594	
		13		17			4		
407	9.704 270		9.768 535		0.231 465	9.935 735		593	
408	9.704 283	13	9.768 552	17	0.231 448	9.935 730	5	592	
409	9.704 296	13	9.768 570	18	0.231 430	9.935 726	4	591	
		13		17			4		
.410	9.704 309		9.768 587		0.231 413	9.935 722		.590	
		13		18			5		
411	9.704 322		9.768 605		0.231 395	9.935 717		589	
412	9.704 334	12	9.768 622	17	0.231 378	9.935 713	4	588	
413	9.704 347	13	9.768 639	17	0.231 361	9.935 708	5	587	
		13		18			4		
414	9.704 360		9.768 657		0.231 343	9.935 704		586	
415	9.704 373	13	9.768 674	17	0.231 326	9.935 699	5	585	
416	9.704 386	13	9.768 691	17	0.231 309	9.935 695	4	584	
		13		18			5		
417	9.704 399		9.768 709		0.231 291	9.935 690		583	
418	9.704 412	13	9.768 726	17	0.231 274	9.935 686	4	582	
419	9.704 425	13	9.768 743	17	0.231 257	9.935 681	5	581	
		13		18			4		
.420	9.704 438		9.768 761		0.231 239	9.935 677		.580	
		13		17			4		
421	9.704 451		9.768 778		0.231 222	9.935 673		579	
422	9.704 464	13	9.768 795	17	0.231 205	9.935 668	5	578	
423	9.704 477	13	9.768 813	18	0.231 187	9.935 664	4	577	
		12		17			5		
424	9.704 489		9.768 830		0.231 170	9.935 659		576	
425	9.704 502	13	9.768 848	18	0.231 152	9.935 655	4	575	
426	9.704 515	13	9.768 865	17	0.231 135	9.935 650	5	574	
		13		17			4		
427	9.704 528		9.768 882		0.231 118	9.935 646		573	
428	9.704 541	13	9.768 900	18	0.231 100	9.935 641	5	572	
429	9.704 554	13	9.768 917	17	0.231 083	9.935 637	4	571	
		13		17			5		
.430	9.704 567		9.768 934		0.231 066	9.935 632		.570	
		13		18			4		
431	9.704 580		9.768 952		0.231 048	9.935 628		569	
432	9.704 593	13	9.768 969	17	0.231 031	9.935 624	4	568	
433	9.704 606	13	9.768 986	17	0.231 014	9.935 619	5	567	
		12		18			4		
434	9.704 618		9.769 004		0.230 996	9.935 615		566	
435	9.704 631	13	9.769 021	17	0.230 979	9.935 610	5	565	
436	9.704 644	13	9.769 038	17	0.230 962	9.935 606	4	564	
		13		18			5		
437	9.704 657		9.769 056		0.230 944	9.935 601		563	
438	9.704 670	13	9.769 073	17	0.230 927	9.935 597	4	562	
439	9.704 683	13	9.769 091	18	0.230 909	9.935 592	5	561	
		13		17			4		
.440	9.704 696		9.769 108		0.230 892	9.935 588		.560	
		13		17			4		
441	9.704 709		9.769 125		0.230 875	9.935 584		559	
442	9.704 722	13	9.769 143	18	0.230 857	9.935 579	5	558	
443	9.704 735	13	9.769 160	17	0.230 840	9.935 575	4	557	
		12		17			5		
444	9.704 747		9.769 177		0.230 823	9.935 570		556	
445	9.704 760	13	9.769 195	18	0.230 805	9.935 566	4	555	
446	9.704 773	13	9.769 212	17	0.230 788	9.935 561	5	554	
		13		17			4		
447	9.704 786		9.769 229		0.230 771	9.935 557		553	
448	9.704 799	13	9.769 247	18	0.230 753	9.935 552	5	552	
449	9.704 812	13	9.769 264	17	0.230 736	9.935 548	4	551	
		13		17			5		
.450	9.704 825		9.769 281		0.230 719	9.935 543		.550	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

59°.600 — 59°.550

30°.450 — 30°.500

30°	sin	d	tang	d	cotg	cos	d		P.P.
·450	9·704 825		9·769 281		0·230 719	9·935 543		**·550**	
		13		18			4		
451	9·704 838		9·769 299		0·230 701	9·935 539		549	
452	9·704 851	13	9·769 316	17	0·230 684	9·935 534	5	548	
453	9·704 864	13	9·769 333	17	0·230 667	9·935 530	4	547	
		12		18			4		18
454	9·704 876		9·769 351		0·230 649	9·935 526		546	1 1.8
455	9·704 889	13	9·769 368	17	0·230 632	9·935 521	5	545	2 3.6
456	9·704 902	13	9·769 386	18	0·230 614	9·935 517	4	544	3 5.4
		13		17			5		4 7.2
457	9·704 915		9·769 403		0·230 597	9·935 512		543	5 9.0
458	9·704 928	13	9·769 420	17	0·230 580	9·935 508	4	542	6 10.8
459	9·704 941	13	9·769 438	18	0·230 562	9·935 503	5	541	7 12.6
		13		17			4		8 14.4
·460	9·704 954		9·769 455		0·230 545	9·935 499		**·540**	9 16.2
		13		17			5		
461	9·704 967		9·769 472		0·230 528	9·935 494		539	
462	9·704 980	13	9·769 490	18	0·230 510	9·935 490	4	538	
463	9·704 992	12	9·769 507	17	0·230 493	9·935 485	5	537	
		13		17			4		
464	9·705 005		9·769 524		0·230 476	9·935 481		536	
465	9·705 018	13	9·769 542	18	0·230 458	9·935 477	4	535	
466	9·705 031	13	9·769 559	17	0·230 441	9·935 472	5	534	17
		13		17			4		1 1.7
467	9·705 044		9·769 576		0·230 424	9·935 468		533	2 3.4
468	9·705 057	13	9·769 594	18	0·230 406	9·935 463	5	532	3 5.1
469	9·705 070	13	9·769 611	17	0·230 389	9·935 459	4	531	4 6.8
		13		17			5		5 8.5
·470	9·705 083		9·769 628		0·230 372	9·935 454		**·530**	6 10.2
		12		18			4		7 11.9
471	9·705 095		9·769 646		0·230 354	9·935 450		529	8 13.6
472	9·705 108	13	9·769 663	17	0·230 337	9·935 445	5	528	9 15.3
473	9·705 121	13	9·769 680	17	0·230 320	9·935 441	4	527	
		13		18			5		
474	9·705 134		9·769 698		0·230 302	9·935 436		526	
475	9·705 147	13	9·769 715	17	0·230 285	9·935 432	4	525	
476	9·705 160	13	9·769 732	17	0·230 268	9·935 427	5	524	
		13		18			4		
477	9·705 173		9·769 750		0·230 250	9·935 423		523	13
478	9·705 186	13	9·769 767	17	0·230 233	9·935 419	4	522	
479	9·705 199	13	9·769 784	17	0·230 216	9·935 414	5	521	1 1.3
		12		18			4		2 2.6
·480	9·705 211		9·769 802		0·230 198	9·935 410		**·520**	3 3.9
		13		17			5		4 5.2
481	9·705 224		9·769 819		0·230 181	9·935 405		519	5 6.5
482	9·705 237	13	9·769 836	17	0·230 164	9·935 401	4	518	6 7.8
483	9·705 250	13	9·769 854	18	0·230 146	9·935 396	5	517	7 9.1
		13		17			4		8 10.4
484	9·705 263		9·769 871		0·230 129	9·935 392		516	9 11.7
485	9·705 276	13	9·769 888	17	0·230 112	9·935 387	5	515	
486	9·705 289	13	9·769 906	18	0·230 094	9·935 383	4	514	
		13		17			5		
487	9·705 302		9·769 923		0·230 077	9·935 378		513	
488	9·705 314	12	9·769 940	17	0·230 060	9·935 374	4	512	
489	9·705 327	13	9·769 958	18	0·230 042	9·935 369	5	511	12
		13		17			4		
·490	9·705 340		9·769 975		0·230 025	9·935 365		**·510**	1 1.2
		13		17			4		2 2.4
491	9·705 353		9·769 992		0·230 008	9·935 361		509	3 3.6
492	9·705 366	13	9·770 010	18	0·229 990	9·935 356	5	508	4 4.8
493	9·705 379	13	9·770 027	17	0·229 973	9·935 352	4	507	5 6.0
		13		17			5		6 7.2
494	9·705 392		9·770 044		0·229 956	9·935 347		506	7 8.4
495	9·705 405	13	9·770 062	18	0·229 938	9·935 343	4	505	8 9.6
496	9·705 417	12	9·770 079	17	0·229 921	9·935 338	5	504	9 10.8
		13		17			4		
497	9·705 430		9·770 096		0·229 904	9·935 334		503	
498	9·705 443	13	9·770 114	18	0·229 886	9·935 329	5	502	
499	9·705 456	13	9·770 131	17	0·229 869	9·935 325	4	501	
		13		17			5		
·500	9·705 469		9·770 148		0·229 852	9·935 320		**·500**	
	cos	d	cotg	d	tang	sin	d	**59°**	P.P.

59°.550 — 59°.500

30°.500 — 30°.550

30°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.705 469		9.770 148		0.229 852	9.935 320		.500	
		13		18			4		
501	9.705 482		9.770 166		0.229 834	9.935 316		499	
502	9.705 495	13	9.770 183	17	0.229 817	9.935 311	5	498	
503	9.705 507	12	9.770 200	17	0.229 800	9.935 307	4	497	
		13		18			4		
504	9.705 520		9.770 218		0.229 782	9.935 303		496	
505	9.705 533	13	9.770 235	17	0.229 765	9.935 298	5	495	
506	9.705 546	13	9.770 252	17	0.229 748	9.935 294	4	494	
		13		18			5		
507	9.705 559		9.770 270		0.229 730	9.935 289		493	
508	9.705 572	13	9.770 287	17	0.229 713	9.935 285	4	492	
509	9.705 585	13	9.770 304	17	0.229 696	9.935 280	5	491	
		13		18			4		
.510	9.705 598		9.770 322		0.229 678	9.935 276		.490	
		12		17			5		
511	9.705 610		9.770 339		0.229 661	9.935 271		489	
512	9.705 623	13	9.770 356	17	0.229 644	9.935 267	4	488	
513	9.705 636	13	9.770 374	18	0.229 626	9.935 262	5	487	
		13		17			4		
514	9.705 649		9.770 391		0.229 609	9.935 258		486	
515	9.705 662	13	9.770 408	17	0.229 592	9.935 253	5	485	
516	9.705 675	13	9.770 426	18	0.229 574	9.935 249	4	484	
		13		17			5		
517	9.705 688		9.770 443		0.229 557	9.935 244		483	
518	9.705 700	12	9.770 460	17	0.229 540	9.935 240	4	482	
519	9.705 713	13	9.770 478	18	0.229 522	9.935 236	4	481	
		13		17			5		
.520	9.705 726		9.770 495		0.229 505	9.935 231		.480	
		13		17			4		
521	9.705 739		9.770 512		0.229 488	9.935 227		479	
522	9.705 752	13	9.770 530	18	0.229 470	9.935 222	5	478	
523	9.705 765	13	9.770 547	17	0.229 453	9.935 218	4	477	
		13		17			5		
524	9.705 778		9.770 564		0.229 436	9.935 213		476	
525	9.705 790	12	9.770 582	18	0.229 418	9.935 209	4	475	
526	9.705 803	13	9.770 599	17	0.229 401	9.935 204	5	474	
		13		17			4		
527	9.705 816		9.770 616		0.229 384	9.935 200		473	
528	9.705 829	13	9.770 634	18	0.229 366	9.935 195	5	472	
529	9.705 842	13	9.770 651	17	0.229 349	9.935 191	4	471	
		13		17			5		
.530	9.705 855		9.770 668		0.229 332	9.935 186		.470	
		13		18			4		
531	9.705 868		9.770 686		0.229 314	9.935 182		469	
532	9.705 880	12	9.770 703	17	0.229 297	9.935 177	5	468	
533	9.705 893	13	9.770 720	17	0.229 280	9.935 173	4	467	
		13		18			5		
534	9.705 906		9.770 738		0.229 262	9.935 168		466	
535	9.705 919	13	9.770 755	17	0.229 245	9.935 164	4	465	
536	9.705 932	13	9.770 772	17	0.229 228	9.935 160	4	464	
		13		18			5		
537	9.705 945		9.770 790		0.229 210	9.935 155		463	
538	9.705 957	12	9.770 807	17	0.229 193	9.935 151	4	462	
539	9.705 970	13	9.770 824	17	0.229 176	9.935 146	5	461	
		13		18			4		
.540	9.705 983		9.770 842		0.229 158	9.935 142		.460	
		13		17			5		
541	9.705 996		9.770 859		0.229 141	9.935 137		459	
542	9.706 009	13	9.770 876	17	0.229 124	9.935 133	4	458	
543	9.706 022	13	9.770 893	17	0.229 107	9.935 128	5	457	
		13		18			4		
544	9.706 035		9.770 911		0.229 089	9.935 124		456	
545	9.706 047	12	9.770 928	17	0.229 072	9.935 119	5	455	
546	9.706 060	13	9.770 945	17	0.229 055	9.935 115	4	454	
		13		18			5		
547	9.706 073		9.770 963		0.229 037	9.935 110		453	
548	9.706 086	13	9.770 980	17	0.229 020	9.935 106	4	452	
549	9.706 099	13	9.770 997	17	0.229 003	9.935 101	5	451	
		13		18			4		
.550	9.706 112		9.771 015		0.228 985	9.935 097		.450	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

59°.500 — 59°.450

30°.550 — 30°.600

30°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.706 112		9.771 015		0.228 985	9.935 097		**.450**	
		12		17			5		
551	9.706 124		9.771 032		0.228 968	9.935 092		449	
552	9.706 137	13	9.771 049	17	0.228 951	9.935 088	4	448	
553	9.706 150	13	9.771 067	18	0.228 933	9.935 083	5	447	
		13		17			4		18
554	9.706 163		9.771 084		0.228 916	9.935 079		446	1 1.8
555	9.706 176	13	9.771 101	17	0.228 899	9.935 075	4	445	2 3.6
556	9.706 189	13	9.771 119	18	0.228 881	9.935 070	5	444	3 5.4
		13		17			4		4 7.2
557	9.706 202		9.771 136		0.228 864	9.935 066		443	5 9.0
558	9.706 214	12	9.771 153	17	0.228 847	9.935 061	5	442	6 10.8
559	9.706 227	13	9.771 171	18	0.228 829	9.935 057	4	441	7 12.6
		13		17			5		8 14.4
.560	9.706 240		9.771 188		0.228 812	9.935 052		**.440**	9 16.2
		13		17			4		
561	9.706 253		9.771 205		0.228 795	9.935 048		439	
562	9.706 266	13	9.771 222	17	0.228 778	9.935 043	5	438	
563	9.706 279	13	9.771 240	18	0.228 760	9.935 039	4	437	
		12		17			5		
564	9.706 291		9.771 257		0.228 743	9.935 034		436	
565	9.706 304	13	9.771 274	17	0.228 726	9.935 030	4	435	
566	9.706 317	13	9.771 292	18	0.228 708	9.935 025	5	434	
		13		17			4		17
567	9.706 330		9.771 309		0.228 691	9.935 021		433	1 1.7
568	9.706 343	13	9.771 326	17	0.228 674	9.935 016	5	432	2 3.4
569	9.706 356	13	9.771 344	18	0.228 656	9.935 012	4	431	3 5.1
		12		17			5		4 6.8
.570	9.706 368		9.771 361		0.228 639	9.935 007		**.430**	5 8.5
		13		17			4		6 10.2
571	9.706 381		9.771 378		0.228 622	9.935 003		429	7 11.9
572	9.706 394	13	9.771 396	18	0.228 604	9.934 998	5	428	8 13.6
573	9.706 407	13	9.771 413	17	0.228 587	9.934 994	4	427	9 15.3
		13		17			5		
574	9.706 420		9.771 430		0.228 570	9.934 989		426	
575	9.706 433	13	9.771 448	18	0.228 552	9.934 985	4	425	
576	9.706 445	12	9.771 465	17	0.228 535	9.934 981	4	424	
		13		17			5		
577	9.706 458		9.771 482		0.228 518	9.934 976		423	13
578	9.706 471	13	9.771 499	17	0.228 501	9.934 972	4	422	
579	9.706 484	13	9.771 517	18	0.228 483	9.934 967	5	421	1 1.3
		13		17			4		2 2.6
.580	9.706 497		9.771 534		0.228 466	9.934 963		**.420**	3 3.9
		13		17			5		4 5.2
581	9.706 510		9.771 551		0.228 449	9.934 958		419	5 6.5
582	9.706 522	12	9.771 569	18	0.228 431	9.934 954	4	418	6 7.8
583	9.706 535	13	9.771 586	17	0.228 414	9.934 949	5	417	7 9.1
		13		17			4		8 10.4
584	9.706 548		9.771 603		0.228 397	9.934 945		416	9 11.7
585	9.706 561	13	9.771 621	18	0.228 379	9.934 940	5	415	
586	9.706 574	13	9.771 638	17	0.228 362	9.934 936	4	414	
		12		17			5		
587	9.706 586		9.771 655		0.228 345	9.934 931		413	
588	9.706 599	13	9.771 672	17	0.228 328	9.934 927	4	412	
589	9.706 612	13	9.771 690	18	0.228 310	9.934 922	5	411	12
		13		17			4		
.590	9.706 625		9.771 707		0.228 293	9.934 918		**.410**	1 1.2
		13		17			5		2 2.4
591	9.706 638		9.771 724		0.228 276	9.934 913		409	3 3.6
592	9.706 651	13	9.771 742	18	0.228 258	9.934 909	4	408	4 4.8
593	9.706 663	12	9.771 759	17	0.228 241	9.934 904	5	407	5 6.0
		13		17			4		6 7.2
594	9.706 676		9.771 776		0.228 224	9.934 900		406	7 8.4
595	9.706 689	13	9.771 794	18	0.228 206	9.934 895	5	405	8 9.6
596	9.706 702	13	9.771 811	17	0.228 189	9.934 891	4	404	9 10.8
		13		17			5		
597	9.706 715		9.771 828		0.228 172	9.934 886		403	
598	9.706 727	12	9.771 846	18	0.228 154	9.934 882	4	402	
599	9.706 740	13	9.771 863	17	0.228 137	9.934 877	5	401	
		13		17			4		
.600	9.706 753		9.771 880		0.228 120	9.934 873		**.400**	
	cos	d	cotg	d	tang	sin	d	**59°**	P.P.

59°.450 — 59°.400

30°.600 — 30°.650

30°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.706 753		9.771 880		0.228 120	9.934 873		**.400**	
		13		17			4		
601	9.706 766		9.771 897		0.228 103	9.934 869		399	
602	9.706 779	13	9.771 915	18	0.228 085	9.934 864	5	398	
603	9.706 792	13	9.771 932	17	0.228 068	9.934 860	4	397	
		12		17			5		
604	9.706 804		9.771 949		0.228 051	9.934 855		396	
605	9.706 817	13	9.771 967	18	0.228 033	9.934 851	4	395	
606	9.706 830	13	9.771 984	17	0.228 016	9.934 846	5	394	
		13		17			4		
607	9.706 843		9.772 001		0.227 999	9.934 842		393	
608	9.706 856	13	9.772 018	17	0.227 982	9.934 837	5	392	
609	9.706 868	12	9.772 036	18	0.227 964	9.934 833	4	391	
		13		17			5		
.610	9.706 881		9.772 053		0.227 947	9.934 828		**.390**	
		13		17			4		
611	9.706 894		9.772 070		0.227 930	9.934 824		389	
612	9.706 907	13	9.772 088	18	0.227 912	9.934 819	5	388	
613	9.706 920	13	9.772 105	17	0.227 895	9.934 815	4	387	
		13		17			5		
614	9.706 933		9.772 122		0.227 878	9.934 810		386	
615	9.706 945	12	9.772 140	18	0.227 860	9.934 806	4	385	
616	9.706 958	13	9.772 157	17	0.227 843	9.934 801	5	384	
		13		17			4		
617	9.706 971		9.772 174		0.227 826	9.934 797		383	
618	9.706 984	13	9.772 191	17	0.227 809	9.934 792	5	382	
619	9.706 997	13	9.772 209	18	0.227 791	9.934 788	4	381	
		12		17			5		
.620	9.707 009		9.772 226		0.227 774	9.934 783		**.380**	
		13		17			4		
621	9.707 022		9.772 243		0.227 757	9.934 779		379	
622	9.707 035	13	9.772 261	18	0.227 739	9.934 774	5	378	
623	9.707 048	13	9.772 278	17	0.227 722	9.934 770	4	377	
		13		17			5		
624	9.707 061		9.772 295		0.227 705	9.934 765		376	
625	9.707 073	12	9.772 312	17	0.227 688	9.934 761	4	375	
626	9.707 086	13	9.772 330	18	0.227 670	9.934 756	5	374	
		13		17			4		
627	9.707 099		9.772 347		0.227 653	9.934 752		373	
628	9.707 112	13	9.772 364	17	0.227 636	9.934 747	5	372	
629	9.707 125	13	9.772 382	18	0.227 618	9.934 743	4	371	
		12		17			5		
.630	9.707 137		9.772 399		0.227 601	9.934 738		**.370**	
		13		17			4		
631	9.707 150		9.772 416		0.227 584	9.934 734		369	
632	9.707 163	13	9.772 434	18	0.227 566	9.934 729	5	368	
633	9.707 176	13	9.772 451	17	0.227 549	9.934 725	4	367	
		13		17			5		
634	9.707 189		9.772 468		0.227 532	9.934 720		366	
635	9.707 201	12	9.772 485	17	0.227 515	9.934 716	4	365	
636	9.707 214	13	9.772 503	18	0.227 497	9.934 712	4	364	
		13		17			5		
637	9.707 227		9.772 520		0.227 480	9.934 707		363	
638	9.707 240	13	9.772 537	17	0.227 463	9.934 703	4	362	
639	9.707 253	13	9.772 555	18	0.227 445	9.934 698	5	361	
		12		17			4		
.640	9.707 265		9.772 572		0.227 428	9.934 694		**.360**	
		13		17			5		
641	9.707 278		9.772 589		0.227 411	9.934 689		359	
642	9.707 291	13	9.772 606	17	0.227 394	9.934 685	4	358	
643	9.707 304	13	9.772 624	18	0.227 376	9.934 680	5	357	
		13		17			4		
644	9.707 317		9.772 641		0.227 359	9.934 676		356	
645	9.707 329	12	9.772 658	17	0.227 342	9.934 671	5	355	
646	9.707 342	13	9.772 676	18	0.227 324	9.934 667	4	354	
		13		17			5		
647	9.707 355		9.772 693		0.227 307	9.934 662		353	
648	9.707 368	13	9.772 710	17	0.227 290	9.934 658	4	352	
649	9.707 381	13	9.772 727	17	0.227 273	9.934 653	5	351	
		12		18			4		
.650	9.707 393		9.772 745		0.227 255	9.934 649		**.350**	
	cos	d	cotg	d	tang	sin	d	**59°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

59°.400 — 59°.350

30°.650 — 30°.700

30°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9·707 393		9·772 745		0.227 255	9·934 649		**.350**	
		13		17			5		
651	9·707 406		9·772 762		0.227 238	9·934 644		349	
652	9·707 419	13	9·772 779	17	0.227 221	9·934 640	4	348	
653	9·707 432	13	9·772 797	18	0.227 203	9·934 635	5	347	
		12		17			4		18
654	9·707 444		9·772 814		0.227 186	9·934 631		346	1 1.8
655	9·707 457	13	9·772 831	17	0.227 169	9·934 626	5	345	2 3.6
656	9·707 470	13	9·772 848	17	0.227 152	9·934 622	4	344	3 5.4
		13		18			5		4 7.2
657	9·707 483		9·772 866		0.227 134	9·934 617		343	5 9.0
658	9·707 496	13	9·772 883	17	0.227 117	9·934 613	4	342	6 10.8
659	9·707 508	12	9·772 900	17	0.227 100	9·934 608	5	341	7 12.6
		13		17			4		8 14.4
.660	9·707 521		9·772 917		0.227 083	9·934 604		**.340**	9 16.2
		13		18			5		
661	9·707 534		9·772 935		0.227 065	9·934 599		339	
662	9·707 547	13	9·772 952	17	0.227 048	9·934 595	4	338	
663	9·707 560	13	9·772 969	17	0.227 031	9·934 590	5	337	
		12		18			4		
664	9·707 572		9·772 987		0.227 013	9·934 586		336	
665	9·707 585	13	9·773 004	17	0.226 996	9·934 581	5	335	
666	9·707 598	13	9·773 021	17	0.226 979	9·934 577	4	334	17
		13		17			5		1 1.7
667	9·707 611		9·773 038		0.226 962	9·934 572		333	2 3.4
668	9·707 623	12	9·773 056	18	0.226 944	9·934 568	4	332	3 5.1
669	9·707 636	13	9·773 073	17	0.226 927	9·934 563	5	331	4 6.8
		13		17			4		5 8.5
.670	9·707 649		9·773 090		0.226 910	9·934 559		**.330**	6 10.2
		13		18			5		7 11.9
671	9·707 662		9·773 108		0.226 892	9·934 554		329	8 13.6
672	9·707 675	13	9·773 125	17	0.226 875	9·934 550	4	328	9 15.3
673	9·707 687	12	9·773 142	17	0.226 858	9·934 545	5	327	
		13		17			4		
674	9·707 700		9·773 159		0.226 841	9·934 541		326	
675	9·707 713	13	9·773 177	18	0.226 823	9·934 536	5	325	
676	9·707 726	13	9·773 194	17	0.226 806	9·934 532	4	324	
		13		17			5		
677	9·707 739		9·773 211		0.226 789	9·934 527		323	13
678	9·707 751	12	9·773 228	17	0.226 772	9·934 523	4	322	
679	9·707 764	13	9·773 246	18	0.226 754	9·934 518	5	321	1 1.3
		13		17			4		2 2.6
.680	9·707 777		9·773 263		0.226 737	9·934 514		**.320**	3 3.9
		13		17			5		4 5.2
681	9·707 790		9·773 280		0.226 720	9·934 509		319	5 6.5
682	9·707 802	12	9·773 298	18	0.226 702	9·934 505	4	318	6 7.8
683	9·707 815	13	9·773 315	17	0.226 685	9·934 500	5	317	7 9.1
		13		17			4		8 10.4
684	9·707 828		9·773 332		0.226 668	9·934 496		316	9 11.7
685	9·707 841	13	9·773 349	17	0.226 651	9·934 491	5	315	
686	9·707 853	12	9·773 367	18	0.226 633	9·934 487	4	314	
		13		17			5		
687	9·707 866		9·773 384		0.226 616	9·934 482		313	
688	9·707 879	13	9·773 401	17	0.226 599	9·934 478	4	312	
689	9·707 892	13	9·773 418	17	0.226 582	9·934 473	5	311	12
		13		18			4		
.690	9·707 905		9·773 436		0.226 564	9·934 469		**.310**	1 1.2
		12		17			5		2 2.4
691	9·707 917		9·773 453		0.226 547	9·934 464		309	3 3.6
692	9·707 930	13	9·773 470	17	0.226 530	9·934 460	4	308	4 4.8
693	9·707 943	13	9·773 488	18	0.226 512	9·934 455	5	307	5 6.0
		13		17			4		6 7.2
694	9·707 956		9·773 505		0.226 495	9·934 451		306	7 8.4
695	9·707 968	12	9·773 522	17	0.226 478	9·934 446	5	305	8 9.6
696	9·707 981	13	9·773 539	17	0.226 461	9·934 442	4	304	9 10.8
		13		18			5		
697	9·707 994		9·773 557		0.226 443	9·934 437		303	
698	9·708 007	13	9·773 574	17	0.226 426	9·934 433	4	302	
699	9·708 019	12	9·773 591	17	0.226 409	9·934 428	5	301	
		13		17			4		
.700	9·708 032		9·773 608		0.226 392	9·934 424		**.300**	
	cos	d	cotg	d	tang	sin	d	**59°**	P.P.

59°.350 — 59°.300

30°.700 — 30°.750

30°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.708 032		9.773 608		0.226 392	9.934 424		**.300**	
		13		18			5		
701	9.708 045		9.773 626		0.226 374	9.934 419		299	
702	9.708 058	13	9.773 643	17	0.226 357	9.934 415	4	298	
703	9.708 071	13	9.773 660	17	0.226 340	9.934 410	5	297	
		12		17			4		
704	9.708 083		9.773 677		0.226 323	9.934 406		296	
705	9.708 096	13	9.773 695	18	0.226 305	9.934 401	5	295	
706	9.708 109	13	9.773 712	17	0.226 288	9.934 397	4	294	
		13		17			5		
707	9.708 122		9.773 729		0.226 271	9.934 392		293	
708	9.708 134	12	9.773 747	18	0.226 253	9.934 388	4	292	
709	9.708 147	13	9.773 764	17	0.226 236	9.934 383	5	291	
		13		17			4		
.710	9.708 160		9.773 781		0.226 219	9.934 379		**.290**	
		13		17			5		
711	9.708 173		9.773 798		0.226 202	9.934 374		289	
712	9.708 185	12	9.773 816	18	0.226 184	9.934 370	4	288	
713	9.708 198	13	9.773 833	17	0.226 167	9.934 365	5	287	
		13		17			4		
714	9.708 211		9.773 850		0.226 150	9.934 361		286	
715	9.708 224	13	9.773 867	17	0.226 133	9.934 356	5	285	
716	9.708 236	12	9.773 885	18	0.226 115	9.934 352	4	284	
		13		17			5		
717	9.708 249		9.773 902		0.226 098	9.934 347		283	
718	9.708 262	13	9.773 919	17	0.226 081	9.934 343	4	282	
719	9.708 275	13	9.773 936	17	0.226 064	9.934 338	5	281	
		12		18			4		
.720	9.708 287		9.773 954		0.226 046	9.934 334		**.280**	
		13		17			5		
721	9.708 300		9.773 971		0.226 029	9.934 329		279	
722	9.708 313	13	9.773 988	17	0.226 012	9.934 325	4	278	
723	9.708 326	13	9.774 005	17	0.225 995	9.934 320	5	277	
		12		18			4		
724	9.708 338		9.774 023		0.225 977	9.934 316		276	
725	9.708 351	13	9.774 040	17	0.225 960	9.934 311	5	275	
726	9.708 364	13	9.774 057	17	0.225 943	9.934 307	4	274	
		13		17			5		
727	9.708 377		9.774 074		0.225 926	9.934 302		273	
728	9.708 390	13	9.774 092	18	0.225 908	9.934 298	4	272	
729	9.708 402	12	9.774 109	17	0.225 891	9.934 293	5	271	
		13		17			4		
.730	9.708 415		9.774 126		0.225 874	9.934 289		**.270**	
		13		18			5		
731	9.708 428		9.774 144		0.225 856	9.934 284		269	
732	9.708 441	13	9.774 161	17	0.225 839	9.934 280	4	268	
733	9.708 453	12	9.774 178	17	0.225 822	9.934 275	5	267	
		13		17			4		
734	9.708 466		9.774 195		0.225 805	9.934 271		266	
735	9.708 479	13	9.774 213	18	0.225 787	9.934 266	5	265	
736	9.708 492	13	9.774 230	17	0.225 770	9.934 262	4	264	
		12		17			5		
737	9.708 504		9.774 247		0.225 753	9.934 257		263	
738	9.708 517	13	9.774 264	17	0.225 736	9.934 253	4	262	
739	9.708 530	13	9.774 282	18	0.225 718	9.934 248	5	261	
		12		17			4		
.740	9.708 542		9.774 299		0.225 701	9.934 244		**.260**	
		13		17			5		
741	9.708 555		9.774 316		0.225 684	9.934 239		259	
742	9.708 568	13	9.774 333	17	0.225 667	9.934 235	4	258	
743	9.708 581	13	9.774 351	18	0.225 649	9.934 230	5	257	
		12		17			4		
744	9.708 593		9.774 368		0.225 632	9.934 226		256	
745	9.708 606	13	9.774 385	17	0.225 615	9.934 221	5	255	
746	9.708 619	13	9.774 402	17	0.225 598	9.934 217	4	254	
		13		18			5		
747	9.708 632		9.774 420		0.225 580	9.934 212		253	
748	9.708 644	12	9.774 437	17	0.225 563	9.934 208	4	252	
749	9.708 657	13	9.774 454	17	0.225 546	9.934 203	5	251	
		13		17			4		
.750	9.708 670		9.774 471		0.225 529	9.934 199		**.250**	
	cos	d	cotg	d	tang	sin	d	**59°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

59°.300 — 59°.250

30°.750 — 30°.800

30°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.708 670		9.774 471		0.225 529	9.934 199		.250	
		13		18			5		
751	9.708 683		9.774 489		0.225 511	9.934 194		249	
752	9.708 695	12	9.774 506	17	0.225 494	9.934 190	4	248	
753	9.708 708	13	9.774 523	17	0.225 477	9.934 185	5	247	
		13		17			4		
754	9.708 721		9.774 540		0.225 460	9.934 181		246	
755	9.708 734	13	9.774 558	18	0.225 442	9.934 176	5	245	
756	9.708 746	12	9.774 575	17	0.225 425	9.934 172	4	244	
		13		17			5		
757	9.708 759		9.774 592		0.225 408	9.934 167		243	
758	9.708 772	13	9.774 609	17	0.225 391	9.934 163	4	242	
759	9.708 785	13	9.774 627	18	0.225 373	9.934 158	5	241	
		12		17			5		
.760	9.708 797		9.774 644		0.225 356	9.934 153		.240	
		13		17			4		
761	9.708 810		9.774 661		0.225 339	9.934 149		239	
762	9.708 823	13	9.774 678	17	0.225 322	9.934 144	5	238	
763	9.708 836	13	9.774 696	18	0.225 304	9.934 140	4	237	
		12		17			5		
764	9.708 848		9.774 713		0.225 287	9.934 135		236	
765	9.708 861	13	9.774 730	17	0.225 270	9.934 131	4	235	
766	9.708 874	13	9.774 747	17	0.225 253	9.934 126	5	234	
		12		18			4		
767	9.708 886		9.774 765		0.225 235	9.934 122		233	
768	9.708 899	13	9.774 782	17	0.225 218	9.934 117	5	232	
769	9.708 912	13	9.774 799	17	0.225 201	9.934 113	4	231	
		13		17			5		
.770	9.708 925		9.774 816		0.225 184	9.934 108		.230	
		12		18			4		
771	9.708 937		9.774 834		0.225 166	9.934 104		229	
772	9.708 950	13	9.774 851	17	0.225 149	9.934 099	5	228	
773	9.708 963	13	9.774 868	17	0.225 132	9.934 095	4	227	
		13		17			5		
774	9.708 976		9.774 885		0.225 115	9.934 090		226	
775	9.708 988	12	9.774 902	17	0.225 098	9.934 086	4	225	
776	9.709 001	13	9.774 920	18	0.225 080	9.934 081	5	224	
		13		17			4		
777	9.709 014		9.774 937		0.225 063	9.934 077		223	
778	9.709 026	12	9.774 954	17	0.225 046	9.934 072	5	222	
779	9.709 039	13	9.774 971	17	0.225 029	9.934 068	4	221	
		13		18			5		
.780	9.709 052		9.774 989		0.225 011	9.934 063		.220	
		13		17			4		
781	9.709 065		9.775 006		0.224 994	9.934 059		219	
782	9.709 077	12	9.775 023	17	0.224 977	9.934 054	5	218	
783	9.709 090	13	9.775 040	17	0.224 960	9.934 050	4	217	
		13		18			5		
784	9.709 103		9.775 058		0.224 942	9.934 045		216	
785	9.709 116	13	9.775 075	17	0.224 925	9.934 041	4	215	
786	9.709 128	12	9.775 092	17	0.224 908	9.934 036	5	214	
		13		17			4		
787	9.709 141		9.775 109		0.224 891	9.934 032		213	
788	9.709 154	13	9.775 127	18	0.224 873	9.934 027	5	212	
789	9.709 166	12	9.775 144	17	0.224 856	9.934 023	4	211	
		13		17			5		
.790	9.709 179		9.775 161		0.224 839	9.934 018		.210	
		13		17			4		
791	9.709 192		9.775 178		0.224 822	9.934 014		209	
792	9.709 205	13	9.775 196	18	0.224 804	9.934 009	5	208	
793	9.709 217	12	9.775 213	17	0.224 787	9.934 005	4	207	
		13		17			5		
794	9.709 230		9.775 230		0.224 770	9.934 000		206	
795	9.709 243	13	9.775 247	17	0.224 753	9.933 995	5	205	
796	9.709 255	12	9.775 264	17	0.224 736	9.933 991	4	204	
		13		18			5		
797	9.709 268		9.775 282		0.224 718	9.933 986		203	
798	9.709 281	13	9.775 299	17	0.224 701	9.933 982	4	202	
799	9.709 294	13	9.775 316	17	0.224 684	9.933 977	5	201	
		12		17			4		
.800	9.709 306		9.775 333		0.224 667	9.933 973		.200	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

59°.250 — 59°.200

30°.800 — 30°.850

30°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.709 306		9.775 333		0.224 667	9.933 973		.200	
		13		18			5		
801	9.709 319		9.775 351		0.224 649	9.933 968		199	
802	9.709 332	13	9.775 368	17	0.224 632	9.933 964	4	198	
803	9.709 344	12	9.775 385	17	0.224 615	9.933 959	5	197	
		13		17			4		
804	9.709 357		9.775 402		0.224 598	9.933 955		196	
805	9.709 370	13	9.775 420	18	0.224 580	9.933 950	5	195	
806	9.709 383	13	9.775 437	17	0.224 563	9.933 946	4	194	
		12		17			5		
807	9.709 395		9.775 454		0.224 546	9.933 941		193	
808	9.709 408	13	9.775 471	17	0.224 529	9.933 937	4	192	
809	9.709 421	13	9.775 489	18	0.224 511	9.933 932	5	191	
		12		17			4		
.810	9.709 433		9.775 506		0.224 494	9.933 928		.190	
		13		17			5		
811	9.709 446		9.775 523		0.224 477	9.933 923		189	
812	9.709 459	13	9.775 540	17	0.224 460	9.933 919	4	188	
813	9.709 472	13	9.775 557	17	0.224 443	9.933 914	5	187	
		12		18			4		
814	9.709 484		9.775 575		0.224 425	9.933 910		186	
815	9.709 497	13	9.775 592	17	0.224 408	9.933 905	5	185	
816	9.709 510	13	9.775 609	17	0.224 391	9.933 901	4	184	
		12		17			5		
817	9.709 522		9.775 626		0.224 374	9.933 896		183	
818	9.709 535	13	9.775 644	18	0.224 356	9.933 892	4	182	
819	9.709 548	13	9.775 661	17	0.224 339	9.933 887	5	181	
		13		17			5		
.820	9.709 561		9.775 678		0.224 322	9.933 882		.180	
		12		17			4		
821	9.709 573		9.775 695		0.224 305	9.933 878		179	
822	9.709 586	13	9.775 712	17	0.224 288	9.933 873	5	178	
823	9.709 599	13	9.775 730	18	0.224 270	9.933 869	4	177	
		12		17			5		
824	9.709 611		9.775 747		0.224 253	9.933 864		176	
825	9.709 624	13	9.775 764	17	0.224 236	9.933 860	4	175	
826	9.709 637	13	9.775 781	17	0.224 219	9.933 855	5	174	
		12		18			4		
827	9.709 649		9.775 799		0.224 201	9.933 851		173	
828	9.709 662	13	9.775 816	17	0.224 184	9.933 846	5	172	
829	9.709 675	13	9.775 833	17	0.224 167	9.933 842	4	171	
		13		17			5		
.830	9.709 688		9.775 850		0.224 150	9.933 837		.170	
		12		18			4		
831	9.709 700		9.775 868		0.224 132	9.933 833		169	
832	9.709 713	13	9.775 885	17	0.224 115	9.933 828	5	168	
833	9.709 726	13	9.775 902	17	0.224 098	9.933 824	4	167	
		12		17			5		
834	9.709 738		9.775 919		0.224 081	9.933 819		166	
835	9.709 751	13	9.775 936	17	0.224 064	9.933 815	4	165	
836	9.709 764	13	9.775 954	18	0.224 046	9.933 810	5	164	
		12		17			4		
837	9.709 776		9.775 971		0.224 029	9.933 806		163	
838	9.709 789	13	9.775 988	17	0.224 012	9.933 801	5	162	
839	9.709 802	13	9.776 005	17	0.223 995	9.933 797	4	161	
		13		18			5		
.840	9.709 815		9.776 023		0.223 977	9.933 792		.160	
		12		17			5		
841	9.709 827		9.776 040		0.223 960	9.933 787		159	
842	9.709 840	13	9.776 057	17	0.223 943	9.933 783	4	158	
843	9.709 853	13	9.776 074	17	0.223 926	9.933 778	5	157	
		12		17			4		
844	9.709 865		9.776 091		0.223 909	9.933 774		156	
845	9.709 878	13	9.776 109	18	0.223 891	9.933 769	5	155	
846	9.709 891	13	9.776 126	17	0.223 874	9.933 765	4	154	
		12		17			5		
847	9.709 903		9.776 143		0.223 857	9.933 760		153	
848	9.709 916	13	9.776 160	17	0.223 840	9.933 756	4	152	
849	9.709 929	13	9.776 177	17	0.223 823	9.933 751	5	151	
		12		18			4		
.850	9.709 941		9.776 195		0.223 805	9.933 747		.150	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

59°.200 — 59°.150

30°.850 — 30°.900

30°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.709 941		9.776 195		0.223 805	9.933 747		**.150**	
		13		17			5		
851	9.709 954		9.776 212		0.223 788	9.933 742		149	
852	9.709 967	13	9.776 229	17	0.223 771	9.933 738	4	148	
853	9.709 980	13	9.776 246	17	0.223 754	9.933 733	5	147	
		12		18			4		18
854	9.709 992		9.776 264		0.223 736	9.933 729		146	1 1.8
855	9.710 005	13	9.776 281	17	0.223 719	9.933 724	5	145	2 3.6
856	9.710 018	13	9.776 298	17	0.223 702	9.933 720	4	144	3 5.4
		12		17			5		4 7.2
857	9.710 030		9.776 315		0.223 685	9.933 715		143	5 9.0
858	9.710 043	13	9.776 332	17	0.223 668	9.933 711	4	142	6 10.8
859	9.710 056	13	9.776 350	18	0.223 650	9.933 706	5	141	7 12.6
		12		17			5		8 14.4
.860	9.710 068		9.776 367		0.223 633	9.933 701		**.140**	9 16.2
		13		17			4		
861	9.710 081		9.776 384		0.223 616	9.933 697		139	
862	9.710 094	13	9.776 401	17	0.223 599	9.933 692	5	138	
863	9.710 106	12	9.776 419	18	0.223 581	9.933 688	4	137	
		13		17			5		
864	9.710 119		9.776 436		0.223 564	9.933 683		136	
865	9.710 132	13	9.776 453	17	0.223 547	9.933 679	4	135	
866	9.710 144	12	9.776 470	17	0.223 530	9.933 674	5	134	17
		13		17			4		1 1.7
867	9.710 157		9.776 487		0.223 513	9.933 670		133	2 3.4
868	9.710 170	13	9.776 505	18	0.223 495	9.933 665	5	132	3 5.1
869	9.710 182	12	9.776 522	17	0.223 478	9.933 661	4	131	4 6.8
		13		17			5		5 8.5
.870	9.710 195		9.776 539		0.223 461	9.933 656		**.130**	6 10.2
		13		17			4		7 11.9
871	9.710 208		9.776 556		0.223 444	9.933 652		129	8 13.6
872	9.710 221	13	9.776 573	17	0.223 427	9.933 647	5	128	9 15.3
873	9.710 233	12	9.776 591	18	0.223 409	9.933 643	4	127	
		13		17			5		
874	9.710 246		9.776 608		0.223 392	9.933 638		126	
875	9.710 259	13	9.776 625	17	0.223 375	9.933 633	5	125	
876	9.710 271	12	9.776 642	17	0.223 358	9.933 629	4	124	
		13		17			5		
877	9.710 284		9.776 659		0.223 341	9.933 624		123	13
878	9.710 297	13	9.776 677	18	0.223 323	9.933 620	4	122	
879	9.710 309	12	9.776 694	17	0.223 306	9.933 615	5	121	1 1.3
		13		17			4		2 2.6
.880	9.710 322		9.776 711		0.223 289	9.933 611		**.120**	3 3.9
		13		17			5		4 5.2
881	9.710 335		9.776 728		0.223 272	9.933 606		119	5 6.5
882	9.710 347	12	9.776 746	18	0.223 254	9.933 602	4	118	6 7.8
883	9.710 360	13	9.776 763	17	0.223 237	9.933 597	5	117	7 9.1
		13		17			4		8 10.4
884	9.710 373		9.776 780		0.223 220	9.933 593		116	9 11.7
885	9.710 385	12	9.776 797	17	0.223 203	9.933 588	5	115	
886	9.710 398	13	9.776 814	17	0.223 186	9.933 584	4	114	
		13		18			5		
887	9.710 411		9.776 832		0.223 168	9.933 579		113	
888	9.710 423	12	9.776 849	17	0.223 151	9.933 575	4	112	
889	9.710 436	13	9.776 866	17	0.223 134	9.933 570	5	111	12
		13		17			5		
.890	9.710 449		9.776 883		0.223 117	9.933 565		**.110**	1 1.2
		12		17			4		2 2.4
891	9.710 461		9.776 900		0.223 100	9.933 561		109	3 3.6
892	9.710 474	13	9.776 918	18	0.223 082	9.933 556	5	108	4 4.8
893	9.710 487	13	9.776 935	17	0.223 065	9.933 552	4	107	5 6.0
		12		17			5		6 7.2
894	9.710 499		9.776 952		0.223 048	9.933 547		106	7 8.4
895	9.710 512	13	9.776 969	17	0.223 031	9.933 543	4	105	8 9.6
896	9.710 525	13	9.776 986	17	0.223 014	9.933 538	5	104	9 10.8
		12		18			4		
897	9.710 537		9.777 004		0.222 996	9.933 534		103	
898	9.710 550	13	9.777 021	17	0.222 979	9.933 529	5	102	
899	9.710 563	13	9.777 038	17	0.222 962	9.933 525	4	101	
		12		17			5		
.900	9.710 575		9.777 055		0.222 945	9.933 520		**.100**	
	cos	d	cotg	d	tang	sin	d	**59°**	P.P.

59°.150 — 59°.100

30°.900 — 30°.950

30°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.710 575		9.777 055		0.222 945	9.933 520		.100	
		13		17			4		
901	9.710 588		9.777 072		0.222 928	9.933 516		099	
902	9.710 601	13	9.777 090	18	0.222 910	9.933 511	5	098	
903	9.710 613	12	9.777 107	17	0.222 893	9.933 507	4	097	
		13		17			5		18
904	9.710 626		9.777 124		0.222 876	9.933 502		096	1 1.8
905	9.710 639	13	9.777 141	17	0.222 859	9.933 497	5	095	2 3.6
906	9.710 651	12	9.777 158	17	0.222 842	9.933 493	4	094	3 5.4
		13		18			5		4 7.2
907	9.710 664		9.777 176		0.222 824	9.933 488		093	5 9.0
908	9.710 677	13	9.777 193	17	0.222 807	9.933 484	4	092	6 10.8
909	9.710 689	12	9.777 210	17	0.222 790	9.933 479	5	091	7 12.6
		13		17			4		8 14.4
.910	9.710 702		9.777 227		0.222 773	9.933 475		.090	9 16.2
		13		17			5		
911	9.710 715		9.777 244		0.222 756	9.933 470		089	
912	9.710 727	12	9.777 262	18	0.222 738	9.933 466	4	088	
913	9.710 740	13	9.777 279	17	0.222 721	9.933 461	5	087	
		13		17			4		
914	9.710 753		9.777 296		0.222 704	9.933 457		086	
915	9.710 765	12	9.777 313	17	0.222 687	9.933 452	5	085	
916	9.710 778	13	9.777 330	17	0.222 670	9.933 448	4	084	17
		13		18			5		1 1.7
917	9.710 791		9.777 348		0.222 652	9.933 443		083	2 3.4
918	9.710 803	12	9.777 365	17	0.222 635	9.933 438	5	082	3 5.1
919	9.710 816	13	9.777 382	17	0.222 618	9.933 434	4	081	4 6.8
		13		17			5		5 8.5
.920	9.710 829		9.777 399		0.222 601	9.933 429		.080	6 10.2
		12		17			4		7 11.9
921	9.710 841		9.777 416		0.222 584	9.933 425		079	8 13.6
922	9.710 854	13	9.777 434	18	0.222 566	9.933 420	5	078	9 15.3
923	9.710 866	12	9.777 451	17	0.222 549	9.933 416	4	077	
		13		17			5		
924	9.710 879		9.777 468		0.222 532	9.933 411		076	
925	9.710 892	13	9.777 485	17	0.222 515	9.933 407	4	075	
926	9.710 904	12	9.777 502	17	0.222 498	9.933 402	5	074	
		13		18			4		13
927	9.710 917		9.777 520		0.222 480	9.933 398		073	1 1.3
928	9.710 930	13	9.777 537	17	0.222 463	9.933 393	5	072	2 2.6
929	9.710 942	12	9.777 554	17	0.222 446	9.933 389	4	071	3 3.9
		13		17			5		4 5.2
.930	9.710 955		9.777 571		0.222 429	9.933 384		.070	5 6.5
		13		17			5		6 7.8
931	9.710 968		9.777 588		0.222 412	9.933 379		069	7 9.1
932	9.710 980	12	9.777 605	17	0.222 395	9.933 375	4	068	8 10.4
933	9.710 993	13	9.777 623	18	0.222 377	9.933 370	5	067	9 11.7
		13		17			4		
934	9.711 006		9.777 640		0.222 360	9.933 366		066	
935	9.711 018	12	9.777 657	17	0.222 343	9.933 361	5	065	
936	9.711 031	13	9.777 674	17	0.222 326	9.933 357	4	064	
		13		17			5		
937	9.711 044		9.777 691		0.222 309	9.933 352		063	
938	9.711 056	12	9.777 709	18	0.222 291	9.933 348	4	062	
939	9.711 069	13	9.777 726	17	0.222 274	9.933 343	5	061	12
		13		17			4		
.940	9.711 082		9.777 743		0.222 257	9.933 339		.060	1 1.2
		12		17			5		2 2.4
941	9.711 094		9.777 760		0.222 240	9.933 334		059	3 3.6
942	9.711 107	13	9.777 777	17	0.222 223	9.933 329	5	058	4 4.8
943	9.711 119	12	9.777 795	18	0.222 205	9.933 325	4	057	5 6.0
		13		17			5		6 7.2
944	9.711 132		9.777 812		0.222 188	9.933 320		056	7 8.4
945	9.711 145	13	9.777 829	17	0.222 171	9.933 316	4	055	8 9.6
946	9.711 157	12	9.777 846	17	0.222 154	9.933 311	5	054	9 10.8
		13		17			4		
947	9.711 170		9.777 863		0.222 137	9.933 307		053	
948	9.711 183	13	9.777 880	17	0.222 120	9.933 302	5	052	
949	9.711 195	12	9.777 898	18	0.222 102	9.933 298	4	051	
		13		17			5		
.950	9.711 208		9.777 915		0.222 085	9.933 293		.050	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.100 — 59°.050

30°.950 — 31°.000

30°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.711 208		9.777 915		0.222 085	9.933 293		.050	
		13		17			4		
951	9.711 221		9.777 932		0.222 068	9.933 289		049	
952	9.711 233	12	9.777 949	17	0.222 051	9.933 284	5	048	
953	9.711 246	13	9.777 966	17	0.222 034	9.933 279	5	047	
		13		18			4		
954	9.711 259		9.777 984		0.222 016	9.933 275		046	
955	9.711 271	12	9.778 001	17	0.221 999	9.933 270	5	045	
956	9.711 284	13	9.778 018	17	0.221 982	9.933 266	4	044	
		12		17			5		
957	9.711 296		9.778 035		0.221 965	9.933 261		043	
958	9.711 309	13	9.778 052	17	0.221 948	9.933 257	4	042	
959	9.711 322	13	9.778 070	18	0.221 930	9.933 252	5	041	
		12		17			4		
.960	9.711 334		9.778 087		0.221 913	9.933 248		.040	
		13		17			5		
961	9.711 347		9.778 104		0.221 896	9.933 243		039	
962	9.711 360	13	9.778 121	17	0.221 879	9.933 239	4	038	
963	9.711 372	12	9.778 138	17	0.221 862	9.933 234	5	037	
		13		17			5		
964	9.711 385		9.778 155		0.221 845	9.933 229		036	
965	9.711 398	13	9.778 173	18	0.221 827	9.933 225	4	035	
966	9.711 410	12	9.778 190	17	0.221 810	9.933 220	5	034	
		13		17			4		
967	9.711 423		9.778 207		0.221 793	9.933 216		033	
968	9.711 435	12	9.778 224	17	0.221 776	9.933 211	5	032	
969	9.711 448	13	9.778 241	17	0.221 759	9.933 207	4	031	
		13		18			5		
.970	9.711 461		9.778 259		0.221 741	9.933 202		.030	
		12		17			4		
971	9.711 473		9.778 276		0.221 724	9.933 198		029	
972	9.711 486	13	9.778 293	17	0.221 707	9.933 193	5	028	
973	9.711 499	13	9.778 310	17	0.221 690	9.933 188	5	027	
		12		17			4		
974	9.711 511		9.778 327		0.221 673	9.933 184		026	
975	9.711 524	13	9.778 344	17	0.221 656	9.933 179	5	025	
976	9.711 536	12	9.778 362	18	0.221 638	9.933 175	4	024	
		13		17			5		
977	9.711 549		9.778 379		0.221 621	9.933 170		023	
978	9.711 562	13	9.778 396	17	0.221 604	9.933 166	4	022	
979	9.711 574	12	9.778 413	17	0.221 587	9.933 161	5	021	
		13		17			4		
.980	9.711 587		9.778 430		0.221 570	9.933 157		.020	
		13		17			5		
981	9.711 600		9.778 447		0.221 553	9.933 152		019	
982	9.711 612	12	9.778 465	18	0.221 535	9.933 148	4	018	
983	9.711 625	13	9.778 482	17	0.221 518	9.933 143	5	017	
		12		17			5		
984	9.711 637		9.778 499		0.221 501	9.933 138		016	
985	9.711 650	13	9.778 516	17	0.221 484	9.933 134	4	015	
986	9.711 663	13	9.778 533	17	0.221 467	9.933 129	5	014	
		12		18			4		
987	9.711 675		9.778 551		0.221 449	9.933 125		013	
988	9.711 688	13	9.778 568	17	0.221 432	9.933 120	5	012	
989	9.711 701	13	9.778 585	17	0.221 415	9.933 116	4	011	
		12		17			5		
.990	9.711 713		9.778 602		0.221 398	9.933 111		.010	
		13		17			4		
991	9.711 726		9.778 619		0.221 381	9.933 107		009	
992	9.711 738	12	9.778 636	17	0.221 364	9.933 102	5	008	
993	9.711 751	13	9.778 654	18	0.221 346	9.933 097	5	007	
		13		17			4		
994	9.711 764		9.778 671		0.221 329	9.933 093		006	
995	9.711 776	12	9.778 688	17	0.221 312	9.933 088	5	005	
996	9.711 789	13	9.778 705	17	0.221 295	9.933 084	4	004	
		12		17			5		
997	9.711 801		9.778 722		0.221 278	9.933 079		003	
998	9.711 814	13	9.778 739	17	0.221 261	9.933 075	4	002	
999	9.711 827	13	9.778 757	18	0.221 243	9.933 070	5	001	
		12		17			4		
*000	9.711 839		9.778 774		0.221 226	9.933 066		.000	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

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31°.000 — 31°.050

31°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.711 839		9.778 774		0.221 226	9.933 066		*000	
		13		17			5		
001	9.711 852		9.778 791		0.221 209	9.933 061		999	
002	9.711 865	13	9.778 808	17	0.221 192	9.933 056	5	998	
003	9.711 877	12	9.778 825	17	0.221 175	9.933 052	4	997	
		13		17			5		18
004	9.711 890		9.778 842		0.221 158	9.933 047		996	1 1.8
005	9.711 902	12	9.778 860	18	0.221 140	9.933 043	4	995	2 3.6
006	9.711 915	13	9.778 877	17	0.221 123	9.933 038	5	994	3 5.4
		13		17			4		4 7.2
007	9.711 928		9.778 894		0.221 106	9.933 034		993	5 9.0
008	9.711 940	12	9.778 911	17	0.221 089	9.933 029	5	992	6 10.8
009	9.711 953	13	9.778 928	17	0.221 072	9.933 025	4	991	7 12.6
		12		17			5		8 14.4
.010	9.711 965		9.778 945		0.221 055	9.933 020		.990	9 16.2
		13		18			5		
011	9.711 978		9.778 963		0.221 037	9.933 015		989	
012	9.711 991	13	9.778 980	17	0.221 020	9.933 011	4	988	
013	9.712 003	12	9.778 997	17	0.221 003	9.933 006	5	987	
		13		17			4		
014	9.712 016		9.779 014		0.220 986	9.933 002		986	
015	9.712 029	13	9.779 031	17	0.220 969	9.932 997	5	985	
016	9.712 041	12	9.779 048	17	0.220 952	9.932 993	4	984	
		13		18			5		17
017	9.712 054		9.779 066		0.220 934	9.932 988		983	1 1.7
018	9.712 066	12	9.779 083	17	0.220 917	9.932 984	4	982	2 3.4
019	9.712 079	13	9.779 100	17	0.220 900	9.932 979	5	981	3 5.1
		13		17			5		4 6.8
.020	9.712 092		9.779 117		0.220 883	9.932 974		.980	5 8.5
		12		17			4		6 10.2
021	9.712 104		9.779 134		0.220 866	9.932 970		979	7 11.9
022	9.712 117	13	9.779 151	17	0.220 849	9.932 965	5	978	8 13.6
023	9.712 129	12	9.779 169	18	0.220 831	9.932 961	4	977	9 15.3
		13		17			5		
024	9.712 142		9.779 186		0.220 814	9.932 956		976	
025	9.712 155	13	9.779 203	17	0.220 797	9.932 952	4	975	
026	9.712 167	12	9.779 220	17	0.220 780	9.932 947	5	974	
		13		17			4		
027	9.712 180		9.779 237		0.220 763	9.932 943		973	13
028	9.712 192	12	9.779 254	17	0.220 746	9.932 938	5	972	
029	9.712 205	13	9.779 272	18	0.220 728	9.932 933	5	971	1 1.3
		13		17			4		2 2.6
.030	9.712 218		9.779 289		0.220 711	9.932 929		.970	3 3.9
		12		17			5		4 5.2
031	9.712 230		9.779 306		0.220 694	9.932 924		969	5 6.5
032	9.712 243	13	9.779 323	17	0.220 677	9.932 920	4	968	6 7.8
033	9.712 255	12	9.779 340	17	0.220 660	9.932 915	5	967	7 9.1
		13		17			4		8 10.4
034	9.712 268		9.779 357		0.220 643	9.932 911		966	9 11.7
035	9.712 281	13	9.779 374	17	0.220 626	9.932 906	5	965	
036	9.712 293	12	9.779 392	18	0.220 608	9.932 902	4	964	
		13		17			5		
037	9.712 306		9.779 409		0.220 591	9.932 897		963	
038	9.712 318	12	9.779 426	17	0.220 574	9.932 892	5	962	
039	9.712 331	13	9.779 443	17	0.220 557	9.932 888	4	961	12
		13		17			5		
.040	9.712 344		9.779 460		0.220 540	9.932 883		.960	1 1.2
		12		17			4		2 2.4
041	9.712 356		9.779 477		0.220 523	9.932 879		959	3 3.6
042	9.712 369	13	9.779 495	18	0.220 505	9.932 874	5	958	4 4.8
043	9.712 381	12	9.779 512	17	0.220 488	9.932 870	4	957	5 6.0
		13		17			5		6 7.2
044	9.712 394		9.779 529		0.220 471	9.932 865		956	7 8.4
045	9.712 407	13	9.779 546	17	0.220 454	9.932 860	5	955	8 9.6
046	9.712 419	12	9.779 563	17	0.220 437	9.932 856	4	954	9 10.8
		13		17			5		
047	9.712 432		9.779 580		0.220 420	9.932 851		953	
048	9.712 444	12	9.779 598	18	0.220 402	9.932 847	4	952	
049	9.712 457	13	9.779 615	17	0.220 385	9.932 842	5	951	
		12		17			4		
.050	9.712 469		9.779 632		0.220 368	9.932 838		.950	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

59°.000 — 58°.950

31°.050 — 31°.100

31°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.712 469		9.779 632		0.220 368	9.932 838		.950	
		13		17			5		
051	9.712 482		9.779 649		0.220 351	9.932 833		949	
052	9.712 495	13	9.779 666	17	0.220 334	9.932 829	4	948	
053	9.712 507	12	9.779 683	17	0.220 317	9.932 824	5	947	
		13		17			5		18
054	9.712 520		9.779 700		0.220 300	9.932 819		946	1 1.8
055	9.712 532	12	9.779 718	18	0.220 282	9.932 815	4	945	2 3.6
056	9.712 545	13	9.779 735	17	0.220 265	9.932 810	5	944	3 5.4
		13		17			4		4 7.2
057	9.712 558		9.779 752		0.220 248	9.932 806		943	5 9.0
058	9.712 570	12	9.779 769	17	0.220 231	9.932 801	5	942	6 10.8
059	9.712 583	13	9.779 786	17	0.220 214	9.932 797	4	941	7 12.6
		12		17			5		8 14.4
.060	9.712 595		9.779 803		0.220 197	9.932 792		.940	9 16.2
		13		17			5		
061	9.712 608		9.779 820		0.220 180	9.932 787		939	
062	9.712 621	13	9.779 838	18	0.220 162	9.932 783	4	938	
063	9.712 633	12	9.779 855	17	0.220 145	9.932 778	5	937	
		13		17			4		
064	9.712 646		9.779 872		0.220 128	9.932 774		936	
065	9.712 658	12	9.779 889	17	0.220 111	9.932 769	5	935	
066	9.712 671	13	9.779 906	17	0.220 094	9.932 765	4	934	17
		12		17			5		1 1.7
067	9.712 683		9.779 923		0.220 077	9.932 760		933	2 3.4
068	9.712 696	13	9.779 941	18	0.220 059	9.932 755	5	932	3 5.1
069	9.712 709	13	9.779 958	17	0.220 042	9.932 751	4	931	4 6.8
		12		17			5		5 8.5
.070	9.712 721		9.779 975		0.220 025	9.932 746		.930	6 10.2
		13		17			4		7 11.9
071	9.712 734		9.779 992		0.220 008	9.932 742		929	8 13.6
072	9.712 746	12	9.780 009	17	0.219 991	9.932 737	5	928	9 15.3
073	9.712 759	13	9.780 026	17	0.219 974	9.932 733	4	927	
		12		17			5		
074	9.712 771		9.780 043		0.219 957	9.932 728		926	
075	9.712 784	13	9.780 061	18	0.219 939	9.932 724	4	925	
076	9.712 797	13	9.780 078	17	0.219 922	9.932 719	5	924	
		12		17			5		
077	9.712 809		9.780 095		0.219 905	9.932 714		923	13
078	9.712 822	13	9.780 112	17	0.219 888	9.932 710	4	922	
079	9.712 834	12	9.780 129	17	0.219 871	9.932 705	5	921	1 1.3
		13		17			4		2 2.6
.080	9.712 847		9.780 146		0.219 854	9.932 701		.920	3 3.9
		13		17			5		4 5.2
081	9.712 860		9.780 163		0.219 837	9.932 696		919	5 6.5
082	9.712 872	12	9.780 181	18	0.219 819	9.932 692	4	918	6 7.8
083	9.712 885	13	9.780 198	17	0.219 802	9.932 687	5	917	7 9.1
		12		17			5		8 10.4
084	9.712 897		9.780 215		0.219 785	9.932 682		916	9 11.7
085	9.712 910	13	9.780 232	17	0.219 768	9.932 678	4	915	
086	9.712 922	12	9.780 249	17	0.219 751	9.932 673	5	914	
		13		17			4		
087	9.712 935		9.780 266		0.219 734	9.932 669		913	
088	9.712 948	13	9.780 283	17	0.219 717	9.932 664	5	912	
089	9.712 960	12	9.780 301	18	0.219 699	9.932 660	4	911	12
		13		17			5		
.090	9.712 973		9.780 318		0.219 682	9.932 655		.910	1 1.2
		12		17			5		2 2.4
091	9.712 985		9.780 335		0.219 665	9.932 650		909	3 3.6
092	9.712 998	13	9.780 352	17	0.219 648	9.932 646	4	908	4 4.8
093	9.713 010	12	9.780 369	17	0.219 631	9.932 641	5	907	5 6.0
		13		17			4		6 7.2
094	9.713 023		9.780 386		0.219 614	9.932 637		906	7 8.4
095	9.713 036	13	9.780 403	17	0.219 597	9.932 632	5	905	8 9.6
096	9.713 048	12	9.780 421	18	0.219 579	9.932 628	4	904	9 10.8
		13		17			5		
097	9.713 061		9.780 438		0.219 562	9.932 623		903	
098	9.713 073	12	9.780 455	17	0.219 545	9.932 618	5	902	
099	9.713 086	13	9.780 472	17	0.219 528	9.932 614	4	901	
		12		17			5		
.100	9.713 098		9.780 489		0.219 511	9.932 609		.900	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.950 — 58°.900

31°.100 — 31°.150

31°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.713 098		9.780 489		0.219 511	9.932 609		.900	
		13		17			4		
101	9.713 111		9.780 506		0.219 494	9.932 605		899	
102	9.713 123	12	9.780 523	17	0.219 477	9.932 600	5	898	
103	9.713 136	13	9.780 541	18	0.219 459	9.932 596	4	897	
		13		17			5		18
104	9.713 149		9.780 558		0.219 442	9.932 591		896	1 1.8
105	9.713 161	12	9.780 575	17	0.219 425	9.932 586	5	895	2 3.6
106	9.713 174	13	9.780 592	17	0.219 408	9.932 582	4	894	3 5.4
		12		17			5		4 7.2
107	9.713 186		9.780 609		0.219 391	9.932 577		893	5 9.0
108	9.713 199	13	9.780 626	17	0.219 374	9.932 573	4	892	6 10.8
109	9.713 211	12	9.780 643	17	0.219 357	9.932 568	5	891	7 12.6
		13		17			4		8 14.4
.110	9.713 224		9.780 660	18	0.219 340	9.932 564		.890	9 16.2
		13					5		
111	9.713 237		9.780 678	17	0.219 322	9.932 559		889	
112	9.713 249	12	9.780 695	17	0.219 305	9.932 554	5	888	
113	9.713 262	13	9.780 712	17	0.219 288	9.932 550	4	887	
		12		17			5		
114	9.713 274		9.780 729		0.219 271	9.932 545		886	
115	9.713 287	13	9.780 746	17	0.219 254	9.932 541	4	885	
116	9.713 299	12	9.780 763	17	0.219 237	9.932 536	5	884	17
		13		17			5		
117	9.713 312		9.780 780		0.219 220	9.932 531		883	1 1.7
118	9.713 324	12	9.780 798	18	0.219 202	9.932 527	4	882	2 3.4
119	9.713 337	13	9.780 815	17	0.219 185	9.932 522	5	881	3 5.1
		13		17			4		4 6.8
.120	9.713 350		9.780 832		0.219 168	9.932 518		.880	5 8.5
		12		17			5		6 10.2
121	9.713 362		9.780 849		0.219 151	9.932 513		879	7 11.9
122	9.713 375	13	9.780 866	17	0.219 134	9.932 509	4	878	8 13.6
123	9.713 387	12	9.780 883	17	0.219 117	9.932 504	5	877	9 15.3
		13		17			5		
124	9.713 400		9.780 900		0.219 100	9.932 499		876	
125	9.713 412	12	9.780 917	17	0.219 083	9.932 495	4	875	
126	9.713 425	13	9.780 935	18	0.219 065	9.932 490	5	874	
		12		17			4		
127	9.713 437		9.780 952		0.219 048	9.932 486		873	13
128	9.713 450	13	9.780 969	17	0.219 031	9.932 481	5	872	
129	9.713 463	13	9.780 986	17	0.219 014	9.932 477	4	871	1 1.3
		12		17			5		2 2.6
.130	9.713 475		9.781 003		0.218 997	9.932 472		.870	3 3.9
		13		17			5		4 5.2
131	9.713 488		9.781 020		0.218 980	9.932 467		869	5 6.5
132	9.713 500	12	9.781 037	17	0.218 963	9.932 463	4	868	6 7.8
133	9.713 513	13	9.781 054	17	0.218 946	9.932 458	5	867	7 9.1
		12		18			4		8 10.4
134	9.713 525		9.781 072		0.218 928	9.932 454		866	9 11.7
135	9.713 538	13	9.781 089	17	0.218 911	9.932 449	5	865	
136	9.713 550	12	9.781 106	17	0.218 894	9.932 445	4	864	
		13		17			5		
137	9.713 563		9.781 123		0.218 877	9.932 440		863	
138	9.713 575	12	9.781 140	17	0.218 860	9.932 435	5	862	
139	9.713 588	13	9.781 157	17	0.218 843	9.932 431	4	861	12
		13		17			5		
.140	9.713 601		9.781 174		0.218 826	9.932 426		.860	1 1.2
		12		17			4		2 2.4
141	9.713 613		9.781 191		0.218 809	9.932 422		859	3 3.6
142	9.713 626	13	9.781 209	18	0.218 791	9.932 417	5	858	4 4.8
143	9.713 638	12	9.781 226	17	0.218 774	9.932 412	5	857	5 6.0
		13		17			4		6 7.2
144	9.713 651		9.781 243		0.218 757	9.932 408		856	7 8.4
145	9.713 663	12	9.781 260	17	0.218 740	9.932 403	5	855	8 9.6
146	9.713 676	13	9.781 277	17	0.218 723	9.932 399	4	854	9 10.8
		12		17			5		
147	9.713 688		9.781 294		0.218 706	9.932 394		853	
148	9.713 701	13	9.781 311	17	0.218 689	9.932 390	4	852	
149	9.713 713	12	9.781 328	17	0.218 672	9.932 385	5	851	
		13		18			5		
.150	9.713 726		9.781 346		0.218 654	9.932 380		.850	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.900 — 58°.850

31°.150 — 31°.200

31°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.713 726		9.781 346		0.218 654	9.932 380		.850	
		13		17			4		
151	9.713 739		9.781 363		0.218 637	9.932 376		849	
152	9.713 751	12	9.781 380	17	0.218 620	9.932 371	5	848	
153	9.713 764	13	9.781 397	17	0.218 603	9.932 367	4	847	
		12		17			5		18
154	9.713 776		9.781 414		0.218 586	9.932 362		846	1 1.8
155	9.713 789	13	9.781 431	17	0.218 569	9.932 357	5	845	2 3.6
156	9.713 801	12	9.781 448	17	0.218 552	9.932 353	4	844	3 5.4
		13		17			5		4 7.2
157	9.713 814		9.781 465		0.218 535	9.932 348		843	5 9.0
158	9.713 826	12	9.781 483	18	0.218 517	9.932 344	4	842	6 10.8
159	9.713 839	13	9.781 500	17	0.218 500	9.932 339	5	841	7 12.6
		12		17			4		8 14.4
.160	9.713 851		9.781 517		0.218 483	9.932 335		.840	9 16.2
		13		17			5		
161	9.713 864		9.781 534		0.218 466	9.932 330		839	
162	9.713 876	12	9.781 551	17	0.218 449	9.932 325	5	838	
163	9.713 889	13	9.781 568	17	0.218 432	9.932 321	4	837	
		13		17			5		
164	9.713 902		9.781 585		0.218 415	9.932 316		836	
165	9.713 914	12	9.781 602	17	0.218 398	9.932 312	4	835	
166	9.713 927	13	9.781 620	18	0.218 380	9.932 307	5	834	17
		12		17			5		1 1.7
167	9.713 939		9.781 637		0.218 363	9.932 302		833	2 3.4
168	9.713 952	13	9.781 654	17	0.218 346	9.932 298	4	832	3 5.1
169	9.713 964	12	9.781 671	17	0.218 329	9.932 293	5	831	4 6.8
		13		17			4		5 8.5
.170	9.713 977		9.781 688		0.218 312	9.932 289		.830	6 10.2
		12		17			5		7 11.9
171	9.713 989		9.781 705		0.218 295	9.932 284		829	8 13.6
172	9.714 002	13	9.781 722	17	0.218 278	9.932 280	4	828	9 15.3
173	9.714 014	12	9.781 739	17	0.218 261	9.932 275	5	827	
		13		17			5		
174	9.714 027		9.781 756		0.218 244	9.932 270		826	
175	9.714 039	12	9.781 774	18	0.218 226	9.932 266	4	825	
176	9.714 052	13	9.781 791	17	0.218 209	9.932 261	5	824	
		12		17			4		
177	9.714 064		9.781 808		0.218 192	9.932 257		823	13
178	9.714 077	13	9.781 825	17	0.218 175	9.932 252	5	822	1 1.3
179	9.714 089	12	9.781 842	17	0.218 158	9.932 247	5	821	2 2.6
		13		17			4		3 3.9
.180	9.714 102		9.781 859		0.218 141	9.932 243		.820	4 5.2
		13		17			5		5 6.5
181	9.714 115		9.781 876		0.218 124	9.932 238		819	6 7.8
182	9.714 127	12	9.781 893	17	0.218 107	9.932 234	4	818	7 9.1
183	9.714 140	13	9.781 910	17	0.218 090	9.932 229	5	817	8 10.4
		12		18			4		9 11.7
184	9.714 152		9.781 928		0.218 072	9.932 225		816	
185	9.714 165	13	9.781 945	17	0.218 055	9.932 220	5	815	
186	9.714 177	12	9.781 962	17	0.218 038	9.932 215	5	814	
		13		17			4		
187	9.714 190		9.781 979		0.218 021	9.932 211		813	
188	9.714 202	12	9.781 996	17	0.218 004	9.932 206	5	812	
189	9.714 215	13	9.782 013	17	0.217 987	9.932 202	4	811	12
		12		17			5		
.190	9.714 227		9.782 030		0.217 970	9.932 197		.810	1 1.2
		13		17			5		2 2.4
191	9.714 240		9.782 047		0.217 953	9.932 192		809	3 3.6
192	9.714 252	12	9.782 064	17	0.217 936	9.932 188	4	808	4 4.8
193	9.714 265	13	9.782 082	18	0.217 918	9.932 183	5	807	5 6.0
		12		17			4		6 7.2
194	9.714 277		9.782 099		0.217 901	9.932 179		806	7 8.4
195	9.714 290	13	9.782 116	17	0.217 884	9.932 174	5	805	8 9.6
196	9.714 302	12	9.782 133	17	0.217 867	9.932 169	5	804	9 10.8
		13		17			4		
197	9.714 315		9.782 150		0.217 850	9.932 165		803	
198	9.714 327	12	9.782 167	17	0.217 833	9.932 160	5	802	
199	9.714 340	13	9.782 184	17	0.217 816	9.932 156	4	801	
		12		17			5		
.200	9.714 352		9.782 201		0.217 799	9.932 151		.800	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.850 — 58°.800

31°.200 — 31°.250

31°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.714 352		9.782 201		0.217 799	9.932 151		.800	
		13		17			4		
201	9.714 365		9.782 218		0.217 782	9.932 147		799	
202	9.714 377	12	9.782 236	18	0.217 764	9.932 142	5	798	
203	9.714 390	13	9.782 253	17	0.217 747	9.932 137	5	797	
		12		17			4		
204	9.714 402		9.782 270		0.217 730	9.932 133		796	
205	9.714 415	13	9.782 287	17	0.217 713	9.932 128	5	795	
206	9.714 427	12	9.782 304	17	0.217 696	9.932 124	4	794	
		13		17			5		
207	9.714 440		9.782 321		0.217 679	9.932 119		793	
208	9.714 453	13	9.782 338	17	0.217 662	9.932 114	5	792	
209	9.714 465	12	9.782 355	17	0.217 645	9.932 110	4	791	
		13		17			5		
.210	9.714 478		9.782 372		0.217 628	9.932 105		.790	
		12		17			4		
211	9.714 490		9.782 389		0.217 611	9.932 101		789	
212	9.714 503	13	9.782 407	18	0.217 593	9.932 096	5	788	
213	9.714 515	12	9.782 424	17	0.217 576	9.932 091	5	787	
		13		17			4		
214	9.714 528		9.782 441		0.217 559	9.932 087		786	
215	9.714 540	12	9.782 458	17	0.217 542	9.932 082	5	785	
216	9.714 553	13	9.782 475	17	0.217 525	9.932 078	4	784	
		12		17			5		
217	9.714 565		9.782 492		0.217 508	9.932 073		783	
218	9.714 578	13	9.782 509	17	0.217 491	9.932 068	5	782	
219	9.714 590	12	9.782 526	17	0.217 474	9.932 064	4	781	
		13		17			5		
.220	9.714 603		9.782 543		0.217 457	9.932 059		.780	
		12		17			4		
221	9.714 615		9.782 560		0.217 440	9.932 055		779	
222	9.714 628	13	9.782 578	18	0.217 422	9.932 050	5	778	
223	9.714 640	12	9.782 595	17	0.217 405	9.932 045	5	777	
		13		17			4		
224	9.714 653		9.782 612		0.217 388	9.932 041		776	
225	9.714 665	12	9.782 629	17	0.217 371	9.932 036	5	775	
226	9.714 678	13	9.782 646	17	0.217 354	9.932 032	4	774	
		12		17			5		
227	9.714 690		9.782 663		0.217 337	9.932 027		773	
228	9.714 703	13	9.782 680	17	0.217 320	9.932 022	5	772	
229	9.714 715	12	9.782 697	17	0.217 303	9.932 018	4	771	
		13		17			5		
.230	9.714 728		9.782 714		0.217 286	9.932 013		.770	
		12		17			4		
231	9.714 740		9.782 731		0.217 269	9.932 009		769	
232	9.714 753	13	9.782 749	18	0.217 251	9.932 004	5	768	
233	9.714 765	12	9.782 766	17	0.217 234	9.932 000	4	767	
		13		17			5		
234	9.714 778		9.782 783		0.217 217	9.931 995		766	
235	9.714 790	12	9.782 800	17	0.217 200	9.931 990	5	765	
236	9.714 803	13	9.782 817	17	0.217 183	9.931 986	4	764	
		12		17			5		
237	9.714 815		9.782 834		0.217 166	9.931 981		763	
238	9.714 828	13	9.782 851	17	0.217 149	9.931 977	4	762	
239	9.714 840	12	9.782 868	17	0.217 132	9.931 972	5	761	
		13		17			5		
.240	9.714 853		9.782 885		0.217 115	9.931 967		.760	
		12		17			4		
241	9.714 865		9.782 902		0.217 098	9.931 963		759	
242	9.714 878	13	9.782 919	17	0.217 081	9.931 958	5	758	
243	9.714 890	12	9.782 937	18	0.217 063	9.931 954	4	757	
		13		17			5		
244	9.714 903		9.782 954		0.217 046	9.931 949		756	
245	9.714 915	12	9.782 971	17	0.217 029	9.931 944	5	755	
246	9.714 928	13	9.782 988	17	0.217 012	9.931 940	4	754	
		12		17			5		
247	9.714 940		9.783 005		0.216 995	9.931 935		753	
248	9.714 953	13	9.783 022	17	0.216 978	9.931 931	4	752	
249	9.714 965	12	9.783 039	17	0.216 961	9.931 926	5	751	
		13		17			5		
.250	9.714 978		9.783 056		0.216 944	9.931 921		.750	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

58°.800 — 58°.750

31°.250 — 31°.300

31°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.714 978		9.783 056		0.216 944	9.931 921		**.750**	
		12		17			4		
251	9.714 990		9.783 073		0.216 927	9.931 917		749	
252	9.715 003	13	9.783 090	17	0.216 910	9.931 912	5	748	
253	9.715 015	12	9.783 108	18	0.216 892	9.931 908	4	747	
		13		17			5		
254	9.715 028		9.783 125		0.216 875	9.931 903		746	
255	9.715 040	12	9.783 142	17	0.216 858	9.931 898	5	745	
256	9.715 053	13	9.783 159	17	0.216 841	9.931 894	4	744	
		12		17			5		
257	9.715 065		9.783 176		0.216 824	9.931 889		743	
258	9.715 077	12	9.783 193	17	0.216 807	9.931 885	4	742	
259	9.715 090	13	9.783 210	17	0.216 790	9.931 880	5	741	
		12		17			5		
.260	9.715 102		9.783 227		0.216 773	9.931 875		**.740**	
		13		17			4		
261	9.715 115		9.783 244		0.216 756	9.931 871		739	
262	9.715 127	12	9.783 261	17	0.216 739	9.931 866	5	738	
263	9.715 140	13	9.783 278	17	0.216 722	9.931 862	4	737	
		12		17			5		
264	9.715 152		9.783 295		0.216 705	9.931 857		736	
265	9.715 165	13	9.783 313	18	0.216 687	9.931 852	5	735	
266	9.715 177	12	9.783 330	17	0.216 670	9.931 848	4	734	
		13		17			5		
267	9.715 190		9.783 347		0.216 653	9.931 843		733	
268	9.715 202	12	9.783 364	17	0.216 636	9.931 839	4	732	
269	9.715 215	13	9.783 381	17	0.216 619	9.931 834	5	731	
		12		17			5		
.270	9.715 227		9.783 398		0.216 602	9.931 829		**.730**	
		13		17			4		
271	9.715 240		9.783 415		0.216 585	9.931 825		729	
272	9.715 252	12	9.783 432	17	0.216 568	9.931 820	5	728	
273	9.715 265	13	9.783 449	17	0.216 551	9.931 816	4	727	
		12		17			5		
274	9.715 277		9.783 466		0.216 534	9.931 811		726	
275	9.715 290	13	9.783 483	17	0.216 517	9.931 806	5	725	
276	9.715 302	12	9.783 500	17	0.216 500	9.931 802	4	724	
		13		18			5		
277	9.715 315		9.783 518		0.216 482	9.931 797		723	
278	9.715 327	12	9.783 535	17	0.216 465	9.931 792	5	722	
279	9.715 340	13	9.783 552	17	0.216 448	9.931 788	4	721	
		12		17			5		
.280	9.715 352		9.783 569		0.216 431	9.931 783		**.720**	
		13		17			4		
281	9.715 365		9.783 586		0.216 414	9.931 779		719	
282	9.715 377	12	9.783 603	17	0.216 397	9.931 774	5	718	
283	9.715 390	13	9.783 620	17	0.216 380	9.931 769	5	717	
		12		17			4		
284	9.715 402		9.783 637		0.216 363	9.931 765		716	
285	9.715 414	12	9.783 654	17	0.216 346	9.931 760	5	715	
286	9.715 427	13	9.783 671	17	0.216 329	9.931 756	4	714	
		12		17			5		
287	9.715 439		9.783 688		0.216 312	9.931 751		713	
288	9.715 452	13	9.783 705	17	0.216 295	9.931 746	5	712	
289	9.715 464	12	9.783 723	18	0.216 277	9.931 742	4	711	
		13		17			5		
.290	9.715 477		9.783 740		0.216 260	9.931 737		**.710**	
		12		17			4		
291	9.715 489		9.783 757		0.216 243	9.931 733		709	
292	9.715 502	13	9.783 774	17	0.216 226	9.931 728	5	708	
293	9.715 514	12	9.783 791	17	0.216 209	9.931 723	5	707	
		13		17			4		
294	9.715 527		9.783 808		0.216 192	9.931 719		706	
295	9.715 539	12	9.783 825	17	0.216 175	9.931 714	5	705	
296	9.715 552	13	9.783 842	17	0.216 158	9.931 710	4	704	
		12		17			5		
297	9.715 564		9.783 859		0.216 141	9.931 705		703	
298	9.715 577	13	9.783 876	17	0.216 124	9.931 700	5	702	
299	9.715 589	12	9.783 893	17	0.216 107	9.931 696	4	701	
		13		17			5		
.300	9.715 602		9.783 910		0.216 090	9.931 691		**.700**	
	cos	d	cotg	d	tang	sin	d	**58°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

58°.750 — 58°.700

31°.300 — 31°.350

31°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.715 602		9.783 910		0.216 090	9.931 691		.700	
		12		17			4		
301	9.715 614		9.783 927		0.216 073	9.931 687		699	
302	9.715 626	12	9.783 945	18	0.216 055	9.931 682	5	698	
303	9.715 639	13	9.783 962	17	0.216 038	9.931 677	5	697	
		12		17			4		
304	9.715 651		9.783 979		0.216 021	9.931 673		696	
305	9.715 664	13	9.783 996	17	0.216 004	9.931 668	5	695	
306	9.715 676	12	9.784 013	17	0.215 987	9.931 663	5	694	
		13		17			4		
307	9.715 689		9.784 030		0.215 970	9.931 659		693	
308	9.715 701	12	9.784 047	17	0.215 953	9.931 654	5	692	
309	9.715 714	13	9.784 064	17	0.215 936	9.931 650	4	691	
		12		17			5		
.310	9.715 726		9.784 081		0.215 919	9.931 645		.690	
		13		17			5		
311	9.715 739		9.784 098		0.215 902	9.931 640		689	
312	9.715 751	12	9.784 115	17	0.215 885	9.931 636	4	688	
313	9.715 764	13	9.784 132	17	0.215 868	9.931 631	5	687	
		12		17			4		
314	9.715 776		9.784 149		0.215 851	9.931 627		686	
315	9.715 788	12	9.784 166	17	0.215 834	9.931 622	5	685	
316	9.715 801	13	9.784 184	18	0.215 816	9.931 617	5	684	
		12		17			4		
317	9.715 813		9.784 201		0.215 799	9.931 613		683	
318	9.715 826	13	9.784 218	17	0.215 782	9.931 608	5	682	
319	9.715 838	12	9.784 235	17	0.215 765	9.931 604	4	681	
		13		17			5		
.320	9.715 851		9.784 252		0.215 748	9.931 599		.680	
		12		17			5		
321	9.715 863		9.784 269		0.215 731	9.931 594		679	
322	9.715 876	13	9.784 286	17	0.215 714	9.931 590	4	678	
323	9.715 888	12	9.784 303	17	0.215 697	9.931 585	5	677	
		13		17			5		
324	9.715 901		9.784 320		0.215 680	9.931 580		676	
325	9.715 913	12	9.784 337	17	0.215 663	9.931 576	4	675	
326	9.715 925	12	9.784 354	17	0.215 646	9.931 571	5	674	
		13		17			4		
327	9.715 938		9.784 371		0.215 629	9.931 567		673	
328	9.715 950	12	9.784 388	17	0.215 612	9.931 562	5	672	
329	9.715 963	13	9.784 405	17	0.215 595	9.931 557	5	671	
		12		18			4		
.330	9.715 975		9.784 423		0.215 577	9.931 553		.670	
		13		17			5		
331	9.715 988		9.784 440		0.215 560	9.931 548		669	
332	9.716 000	12	9.784 457	17	0.215 543	9.931 544	4	668	
333	9.716 013	13	9.784 474	17	0.215 526	9.931 539	5	667	
		12		17			5		
334	9.716 025		9.784 491		0.215 509	9.931 534		666	
335	9.716 038	13	9.784 508	17	0.215 492	9.931 530	4	665	
336	9.716 050	12	9.784 525	17	0.215 475	9.931 525	5	664	
		12		17			5		
337	9.716 062		9.784 542		0.215 458	9.931 520		663	
338	9.716 075	13	9.784 559	17	0.215 441	9.931 516	4	662	
339	9.716 087	12	9.784 576	17	0.215 424	9.931 511	5	661	
		13		17			4		
.340	9.716 100		9.784 593		0.215 407	9.931 507		.660	
		12		17			5		
341	9.716 112		9.784 610		0.215 390	9.931 502		659	
342	9.716 125	13	9.784 627	17	0.215 373	9.931 497	5	658	
343	9.716 137	12	9.784 644	17	0.215 356	9.931 493	4	657	
		13		17			5		
344	9.716 150		9.784 661		0.215 339	9.931 488		656	
345	9.716 162	12	9.784 678	17	0.215 322	9.931 484	4	655	
346	9.716 174	12	9.784 696	18	0.215 304	9.931 479	5	654	
		13		17			5		
347	9.716 187		9.784 713		0.215 287	9.931 474		653	
348	9.716 199	12	9.784 730	17	0.215 270	9.931 470	4	652	
349	9.716 212	13	9.784 747	17	0.215 253	9.931 465	5	651	
		12		17			5		
.350	9.716 224		9.784 764		0.215 236	9.931 460		.650	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

58°.700 — 58°.650

31°.350 — 31°.400

31°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.716 224		9.784 764		0.215 236	9.931 460		.650	
		13		17			4		
351	9.716 237		9.784 781		0.215 219	9.931 456		649	
		12		17			5		
352	9.716 249		9.784 798		0.215 202	9.931 451		648	
		13		17			4		
353	9.716 262		9.784 815		0.215 185	9.931 447		647	
		12		17			5		
354	9.716 274		9.784 832		0.215 168	9.931 442		646	
		12		17			5		
355	9.716 286		9.784 849		0.215 151	9.931 437		645	
		13		17			4		
356	9.716 299		9.784 866		0.215 134	9.931 433		644	
		12		17			5		
357	9.716 311		9.784 883		0.215 117	9.931 428		643	
		13		17			4		
358	9.716 324		9.784 900		0.215 100	9.931 424		642	
		12		17			5		
359	9.716 336		9.784 917		0.215 083	9.931 419		641	
		13		17			5		
.360	9.716 349		9.784 934		0.215 066	9.931 414		.640	
		12		17			4		
361	9.716 361		9.784 951		0.215 049	9.931 410		639	
		13		17			5		
362	9.716 374		9.784 968		0.215 032	9.931 405		638	
		12		18			5		
363	9.716 386		9.784 986		0.215 014	9.931 400		637	
		12		17			4		
364	9.716 398		9.785 003		0.214 997	9.931 396		636	
		13		17			5		
365	9.716 411		9.785 020		0.214 980	9.931 391		635	
		12		17			4		
366	9.716 423		9.785 037		0.214 963	9.931 387		634	
		13		17			5		
367	9.716 436		9.785 054		0.214 946	9.931 382		633	
		12		17			5		
368	9.716 448		9.785 071		0.214 929	9.931 377		632	
		13		17			4		
369	9.716 461		9.785 088		0.214 912	9.931 373		631	
		12		17			5		
.370	9.716 473		9.785 105		0.214 895	9.931 368		.630	
		12		17			5		
371	9.716 485		9.785 122		0.214 878	9.931 363		629	
		13		17			4		
372	9.716 498		9.785 139		0.214 861	9.931 359		628	
		12		17			5		
373	9.716 510		9.785 156		0.214 844	9.931 354		627	
		13		17			4		
374	9.716 523		9.785 173		0.214 827	9.931 350		626	
		12		17			5		
375	9.716 535		9.785 190		0.214 810	9.931 345		625	
		13		17			5		
376	9.716 548		9.785 207		0.214 793	9.931 340		624	
		12		17			4		
377	9.716 560		9.785 224		0.214 776	9.931 336		623	
		12		17			5		
378	9.716 572		9.785 241		0.214 759	9.931 331		622	
		13		17			5		
379	9.716 585		9.785 258		0.214 742	9.931 326		621	
		12		17			4		
.380	9.716 597		9.785 275		0.214 725	9.931 322		.620	
		13		17			5		
381	9.716 610		9.785 292		0.214 708	9.931 317		619	
		12		18			4		
382	9.716 622		9.785 310		0.214 690	9.931 313		618	
		13		17			5		
383	9.716 635		9.785 327		0.214 673	9.931 308		617	
		12		17			5		
384	9.716 647		9.785 344		0.214 656	9.931 303		616	
		12		17			4		
385	9.716 659		9.785 361		0.214 639	9.931 299		615	
		13		17			5		
386	9.716 672		9.785 378		0.214 622	9.931 294		614	
		12		17			4		
387	9.716 684		9.785 395		0.214 605	9.931 290		613	
		13		17			5		
388	9.716 697		9.785 412		0.214 588	9.931 285		612	
		12		17			5		
389	9.716 709		9.785 429		0.214 571	9.931 280		611	
		13		17			4		
.390	9.716 722		9.785 446		0.214 554	9.931 276		.610	
		12		17			5		
391	9.716 734		9.785 463		0.214 537	9.931 271		609	
		12		17			5		
392	9.716 746		9.785 480		0.214 520	9.931 266		608	
		13		17			4		
393	9.716 759		9.785 497		0.214 503	9.931 262		607	
		12		17			5		
394	9.716 771		9.785 514		0.214 486	9.931 257		606	
		13		17			4		
395	9.716 784		9.785 531		0.214 469	9.931 253		605	
		12		17			5		
396	9.716 796		9.785 548		0.214 452	9.931 248		604	
		12		17			5		
397	9.716 808		9.785 565		0.214 435	9.931 243		603	
		13		17			4		
398	9.716 821		9.785 582		0.214 418	9.931 239		602	
		12		17			5		
399	9.716 833		9.785 599		0.214 401	9.931 234		601	
		13		17			5		
.400	9.716 846		9.785 616		0.214 384	9.931 229		.600	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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58°.650 — 58°.600

31°.400 — 31°.450

31°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.716 846		9.785 616		0.214 384	9.931 229		.600	
		12		17			4		
401	9.716 858		9.785 633		0.214 367	9.931 225		599	
402	9.716 871	13	9.785 650	17	0.214 350	9.931 220	5	598	
403	9.716 883	12	9.785 668	18	0.214 332	9.931 215	5	597	
		12		17			4		
404	9.716 895		9.785 685		0.214 315	9.931 211		596	
405	9.716 908	13	9.785 702	17	0.214 298	9.931 206	5	595	
406	9.716 920	12	9.785 719	17	0.214 281	9.931 202	4	594	
		13		17			5		
407	9.716 933		9.785 736		0.214 264	9.931 197		593	
408	9.716 945	12	9.785 753	17	0.214 247	9.931 192	5	592	
409	9.716 957	12	9.785 770	17	0.214 230	9.931 188	4	591	
		13		17			5		
.410	9.716 970		9.785 787		0.214 213	9.931 183		.590	
		12		17			5		
411	9.716 982		9.785 804		0.214 196	9.931 178		589	
412	9.716 995	13	9.785 821	17	0.214 179	9.931 174	4	588	
413	9.717 007	12	9.785 838	17	0.214 162	9.931 169	5	587	
		13		17			4		
414	9.717 020		9.785 855		0.214 145	9.931 165		586	
415	9.717 032	12	9.785 872	17	0.214 128	9.931 160	5	585	
416	9.717 044	12	9.785 889	17	0.214 111	9.931 155	5	584	
		13		17			4		
417	9.717 057		9.785 906		0.214 094	9.931 151		583	
418	9.717 069	12	9.785 923	17	0.214 077	9.931 146	5	582	
419	9.717 082	13	9.785 940	17	0.214 060	9.931 141	5	581	
		12		17			4		
.420	9.717 094		9.785 957		0.214 043	9.931 137		.580	
		12		17			5		
421	9.717 106		9.785 974		0.214 026	9.931 132		579	
422	9.717 119	13	9.785 991	17	0.214 009	9.931 128	4	578	
423	9.717 131	12	9.786 008	17	0.213 992	9.931 123	5	577	
		13		17			5		
424	9.717 144		9.786 025		0.213 975	9.931 118		576	
425	9.717 156	12	9.786 042	17	0.213 958	9.931 114	4	575	
426	9.717 168	12	9.786 059	17	0.213 941	9.931 109	5	574	
		13		17			5		
427	9.717 181		9.786 076		0.213 924	9.931 104		573	
428	9.717 193	12	9.786 094	18	0.213 906	9.931 100	4	572	
429	9.717 206	13	9.786 111	17	0.213 889	9.931 095	5	571	
		12		17			5		
.430	9.717 218		9.786 128		0.213 872	9.931 090		.570	
		12		17			4		
431	9.717 230		9.786 145		0.213 855	9.931 086		569	
432	9.717 243	13	9.786 162	17	0.213 838	9.931 081	5	568	
433	9.717 255	12	9.786 179	17	0.213 821	9.931 077	4	567	
		13		17			5		
434	9.717 268		9.786 196		0.213 804	9.931 072		566	
435	9.717 280	12	9.786 213	17	0.213 787	9.931 067	5	565	
436	9.717 292	12	9.786 230	17	0.213 770	9.931 063	4	564	
		13		17			5		
437	9.717 305		9.786 247		0.213 753	9.931 058		563	
438	9.717 317	12	9.786 264	17	0.213 736	9.931 053	5	562	
439	9.717 330	13	9.786 281	17	0.213 719	9.931 049	4	561	
		12		17			5		
.440	9.717 342		9.786 298		0.213 702	9.931 044		.560	
		12		17			4		
441	9.717 354		9.786 315		0.213 685	9.931 040		559	
442	9.717 367	13	9.786 332	17	0.213 668	9.931 035	5	558	
443	9.717 379	12	9.786 349	17	0.213 651	9.931 030	5	557	
		13		17			4		
444	9.717 392		9.786 366		0.213 634	9.931 026		556	
445	9.717 404	12	9.786 383	17	0.213 617	9.931 021	5	555	
446	9.717 416	12	9.786 400	17	0.213 600	9.931 016	5	554	
		13		17			4		
447	9.717 429		9.786 417		0.213 583	9.931 012		553	
448	9.717 441	12	9.786 434	17	0.213 566	9.931 007	5	552	
449	9.717 454	13	9.786 451	17	0.213 549	9.931 002	5	551	
		12		17			4		
.450	9.717 466		9.786 468		0.213 532	9.930 998		.550	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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7	8.4
8	9.6
9	10.8

58°.600 — 58°.550

31°.450 — 31°.500

31°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.717 466		9.786 468		0.213 532	9.930 998		.550	
		12		17			5		
451	9.717 478		9.786 485		0.213 515	9.930 993		549	
452	9.717 491	13	9.786 502	17	0.213 498	9.930 989	4	548	
453	9.717 503	12	9.786 519	17	0.213 481	9.930 984	5	547	
		13		17			5		
454	9.717 516		9.786 536		0.213 464	9.930 979		546	
455	9.717 528	12	9.786 553	17	0.213 447	9.930 975	4	545	
456	9.717 540	12	9.786 570	17	0.213 430	9.930 970	5	544	
		13		17			5		
457	9.717 553		9.786 587		0.213 413	9.930 965		543	
458	9.717 565	12	9.786 604	17	0.213 396	9.930 961	4	542	
459	9.717 578	13	9.786 621	17	0.213 379	9.930 956	5	541	
		12		18			5		
.460	9.717 590		9.786 639		0.213 361	9.930 951		.540	
		12		17			4		
461	9.717 602		9.786 656		0.213 344	9.930 947		539	
462	9.717 615	13	9.786 673	17	0.213 327	9.930 942	5	538	
463	9.717 627	12	9.786 690	17	0.213 310	9.930 938	4	537	
		12		17			5		
464	9.717 639		9.786 707		0.213 293	9.930 933		536	
465	9.717 652	13	9.786 724	17	0.213 276	9.930 928	5	535	
466	9.717 664	12	9.786 741	17	0.213 259	9.930 924	4	534	
		13		17			5		
467	9.717 677		9.786 758		0.213 242	9.930 919		533	
468	9.717 689	12	9.786 775	17	0.213 225	9.930 914	5	532	
469	9.717 701	12	9.786 792	17	0.213 208	9.930 910	4	531	
		13		17			5		
.470	9.717 714		9.786 809		0.213 191	9.930 905		.530	
		12		17			5		
471	9.717 726		9.786 826		0.213 174	9.930 900		529	
472	9.717 739	13	9.786 843	17	0.213 157	9.930 896	4	528	
473	9.717 751	12	9.786 860	17	0.213 140	9.930 891	5	527	
		12		17			5		
474	9.717 763		9.786 877		0.213 123	9.930 886		526	
475	9.717 776	13	9.786 894	17	0.213 106	9.930 882	4	525	
476	9.717 788	12	9.786 911	17	0.213 089	9.930 877	5	524	
		12		17			4		
477	9.717 800		9.786 928		0.213 072	9.930 873		523	
478	9.717 813	13	9.786 945	17	0.213 055	9.930 868	5	522	
479	9.717 825	12	9.786 962	17	0.213 038	9.930 863	5	521	
		13		17			4		
.480	9.717 838		9.786 979		0.213 021	9.930 859		.520	
		12		17			5		
481	9.717 850		9.786 996		0.213 004	9.930 854		519	
482	9.717 862	12	9.787 013	17	0.212 987	9.930 849	5	518	
483	9.717 875	13	9.787 030	17	0.212 970	9.930 845	4	517	
		12		17			5		
484	9.717 887		9.787 047		0.212 953	9.930 840		516	
485	9.717 900	13	9.787 064	17	0.212 936	9.930 835	5	515	
486	9.717 912	12	9.787 081	17	0.212 919	9.930 831	4	514	
		12		17			5		
487	9.717 924		9.787 098		0.212 902	9.930 826		513	
488	9.717 937	13	9.787 115	17	0.212 885	9.930 822	4	512	
489	9.717 949	12	9.787 132	17	0.212 868	9.930 817	5	511	
		12		17			5		
.490	9.717 961		9.787 149		0.212 851	9.930 812		.510	
		13		17			4		
491	9.717 974		9.787 166		0.212 834	9.930 808		509	
492	9.717 986	12	9.787 183	17	0.212 817	9.930 803	5	508	
493	9.717 999	13	9.787 200	17	0.212 800	9.930 798	5	507	
		12		17			4		
494	9.718 011		9.787 217		0.212 783	9.930 794		506	
495	9.718 023	12	9.787 234	17	0.212 766	9.930 789	5	505	
496	9.718 036	13	9.787 251	17	0.212 749	9.930 784	5	504	
		12		17			4		
497	9.718 048		9.787 268		0.212 732	9.930 780		503	
498	9.718 060	12	9.787 285	17	0.212 715	9.930 775	5	502	
499	9.718 073	13	9.787 302	17	0.212 698	9.930 770	5	501	
		12		17			4		
.500	9.718 085		9.787 319		0.212 681	9.930 766		.500	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

58°.550 — 58°.500

31°.500 — 31°.550

31°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.718 085	12	9.787 319	17	0.212 681	9.930 766	5	.500	
501	9.718 097	13	9.787 336	17	0.212 664	9.930 761	5	499	
502	9.718 110	12	9.787 353	17	0.212 647	9.930 756	4	498	
503	9.718 122	13	9.787 370	17	0.212 630	9.930 752	5	497	
504	9.718 135	12	9.787 387	17	0.212 613	9.930 747	4	496	18
505	9.718 147	12	9.787 404	17	0.212 596	9.930 743	5	495	1 1.8
506	9.718 159	13	9.787 421	17	0.212 579	9.930 738	5	494	2 3.6
507	9.718 172	12	9.787 438	17	0.212 562	9.930 733	4	493	3 5.4
508	9.718 184	12	9.787 455	17	0.212 545	9.930 729	5	492	4 7.2
509	9.718 196	13	9.787 472	17	0.212 528	9.930 724	5	491	5 9.0
.510	9.718 209	12	9.787 489	17	0.212 511	9.930 719	4	.490	6 10.8
511	9.718 221	12	9.787 506	17	0.212 494	9.930 715	5	489	7 12.6
512	9.718 233	13	9.787 523	17	0.212 477	9.930 710	5	488	8 14.4
513	9.718 246	12	9.787 540	17	0.212 460	9.930 705	4	487	9 16.2
514	9.718 258	13	9.787 557	17	0.212 443	9.930 701	5	486	
515	9.718 271	12	9.787 574	17	0.212 426	9.930 696	5	485	
516	9.718 283	12	9.787 592	18	0.212 408	9.930 691	4	484	17
517	9.718 295	13	9.787 609	17	0.212 391	9.930 687	5	483	1 1.7
518	9.718 308	12	9.787 626	17	0.212 374	9.930 682	5	482	2 3.4
519	9.718 320	12	9.787 643	17	0.212 357	9.930 677	4	481	3 5.1
.520	9.718 332	13	9.787 660	17	0.212 340	9.930 673	5	.480	4 6.8
521	9.718 345	12	9.787 677	17	0.212 323	9.930 668	4	479	5 8.5
522	9.718 357	12	9.787 694	17	0.212 306	9.930 664	5	478	6 10.2
523	9.718 369	13	9.787 711	17	0.212 289	9.930 659	5	477	7 11.9
524	9.718 382	12	9.787 728	17	0.212 272	9.930 654	4	476	8 13.6
525	9.718 394	13	9.787 745	17	0.212 255	9.930 650	5	475	9 15.3
526	9.718 407	12	9.787 762	17	0.212 238	9.930 645	5	474	
527	9.718 419	12	9.787 779	17	0.212 221	9.930 640	5	473	
528	9.718 431	13	9.787 796	17	0.212 204	9.930 636	4	472	13
529	9.718 444	12	9.787 813	17	0.212 187	9.930 631	5	471	1 1.3
.530	9.718 456	12	9.787 830	17	0.212 170	9.930 626	5	.470	2 2.6
531	9.718 468	13	9.787 847	17	0.212 153	9.930 622	4	469	3 3.9
532	9.718 481	12	9.787 864	17	0.212 136	9.930 617	5	468	4 5.2
533	9.718 493	12	9.787 881	17	0.212 119	9.930 612	5	467	5 6.5
534	9.718 505	13	9.787 898	17	0.212 102	9.930 608	4	466	6 7.8
535	9.718 518	12	9.787 915	17	0.212 085	9.930 603	5	465	7 9.1
536	9.718 530	12	9.787 932	17	0.212 068	9.930 598	5	464	8 10.4
537	9.718 542	13	9.787 949	17	0.212 051	9.930 594	4	463	9 11.7
538	9.718 555	12	9.787 966	17	0.212 034	9.930 589	5	462	
539	9.718 567	12	9.787 983	17	0.212 017	9.930 584	5	461	
.540	9.718 579	13	9.788 000	17	0.212 000	9.930 580	4	.460	12
541	9.718 592	12	9.788 017	17	0.211 983	9.930 575	5	459	1 1.2
542	9.718 604	13	9.788 034	17	0.211 966	9.930 571	4	458	2 2.4
543	9.718 617	12	9.788 051	17	0.211 949	9.930 566	5	457	3 3.6
544	9.718 629	12	9.788 068	17	0.211 932	9.930 561	5	456	4 4.8
545	9.718 641	13	9.788 085	17	0.211 915	9.930 557	4	455	5 6.0
546	9.718 654	12	9.788 102	17	0.211 898	9.930 552	5	454	6 7.2
547	9.718 666	12	9.788 119	17	0.211 881	9.930 547	5	453	7 8.4
548	9.718 678	13	9.788 136	17	0.211 864	9.930 543	4	452	8 9.6
549	9.718 691	12	9.788 153	17	0.211 847	9.930 538	5	451	9 10.8
.550	9.718 703		9.788 170		0.211 830	9.930 533	5	.450	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.500 — 58°.450

31°.550 — 31°.600

31°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.718 703		9.788 170		0.211 830	9.930 533		**.450**	
		12		17			4		
551	9.718 715		9.788 187		0.211 813	9.930 529		449	
552	9.718 728	13	9.788 204	17	0.211 796	9.930 524	5	448	
553	9.718 740	12	9.788 221	17	0.211 779	9.930 519	5	447	
		12		17			4		
554	9.718 752		9.788 238		0.211 762	9.930 515		446	
555	9.718 765	13	9.788 255	17	0.211 745	9.930 510	5	445	
556	9.718 777	12	9.788 272	17	0.211 728	9.930 505	5	444	
		12		17			4		
557	9.718 789		9.788 289		0.211 711	9.930 501		443	
558	9.718 802	13	9.788 306	17	0.211 694	9.930 496	5	442	
559	9.718 814	12	9.788 323	17	0.211 677	9.930 491	5	441	
		12		17			4		
.560	9.718 826		9.788 340		0.211 660	9.930 487		**.440**	
		13		17			5		
561	9.718 839		9.788 357		0.211 643	9.930 482		439	
562	9.718 851	12	9.788 374	17	0.211 626	9.930 477	5	438	
563	9.718 863	12	9.788 391	17	0.211 609	9.930 473	4	437	
		13		17			5		
564	9.718 876		9.788 408		0.211 592	9.930 468		436	
565	9.718 888	12	9.788 425	17	0.211 575	9.930 463	5	435	
566	9.718 900	12	9.788 442	17	0.211 558	9.930 459	4	434	
		13		17			5		
567	9.718 913		9.788 459		0.211 541	9.930 454		433	
568	9.718 925	12	9.788 476	17	0.211 524	9.930 450	4	432	
569	9.718 937	12	9.788 493	17	0.211 507	9.930 445	5	431	
		13		17			5		
.570	9.718 950		9.788 510		0.211 490	9.930 440		**.430**	
		12		17			4		
571	9.718 962		9.788 527		0.211 473	9.930 436		429	
572	9.718 974	12	9.788 544	17	0.211 456	9.930 431	5	428	
573	9.718 987	13	9.788 561	17	0.211 439	9.930 426	5	427	
		12		17			4		
574	9.718 999		9.788 578		0.211 422	9.930 422		426	
575	9.719 011	12	9.788 595	17	0.211 405	9.930 417	5	425	
576	9.719 024	13	9.788 612	17	0.211 388	9.930 412	5	424	
		12		17			4		
577	9.719 036		9.788 629		0.211 371	9.930 408		423	
578	9.719 048	12	9.788 646	17	0.211 354	9.930 403	5	422	
579	9.719 061	13	9.788 662	16	0.211 338	9.930 398	5	421	
		12		17			4		
.580	9.719 073		9.788 679		0.211 321	9.930 394		**.420**	
		12		17			5		
581	9.719 085		9.788 696		0.211 304	9.930 389		419	
582	9.719 098	13	9.788 713	17	0.211 287	9.930 384	5	418	
583	9.719 110	12	9.788 730	17	0.211 270	9.930 380	4	417	
		12		17			5		
584	9.719 122		9.788 747		0.211 253	9.930 375		416	
585	9.719 135	13	9.788 764	17	0.211 236	9.930 370	5	415	
586	9.719 147	12	9.788 781	17	0.211 219	9.930 366	4	414	
		12		17			5		
587	9.719 159		9.788 798		0.211 202	9.930 361		413	
588	9.719 172	13	9.788 815	17	0.211 185	9.930 356	5	412	
589	9.719 184	12	9.788 832	17	0.211 168	9.930 352	4	411	
		12		17			5		
.590	9.719 196		9.788 849		0.211 151	9.930 347		**.410**	
		13		17			5		
591	9.719 209		9.788 866		0.211 134	9.930 342		409	
592	9.719 221	12	9.788 883	17	0.211 117	9.930 338	4	408	
593	9.719 233	12	9.788 900	17	0.211 100	9.930 333	5	407	
		13		17			5		
594	9.719 246		9.788 917		0.211 083	9.930 328		406	
595	9.719 258	12	9.788 934	17	0.211 066	9.930 324	4	405	
596	9.719 270	12	9.788 951	17	0.211 049	9.930 319	5	404	
		13		17			5		
597	9.719 283		9.788 968		0.211 032	9.930 314		403	
598	9.719 295	12	9.788 985	17	0.211 015	9.930 310	4	402	
599	9.719 307	12	9.789 002	17	0.210 998	9.930 305	5	401	
		13		17			5		
.600	9.719 320		9.789 019		0.210 981	9.930 300		**.400**	
	cos	d	cotg	d	tang	sin	d	**58°**	P.P.

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	16
1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

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1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

58°.450 — 58°.400

31°.600 — 31°.650

31°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.719 320		9.789 019		0.210 981	9.930 300		**.400**	
		12		17			4		
601	9.719 332		9.789 036		0.210 964	9.930 296		399	
602	9.719 344	12	9.789 053	17	0.210 947	9.930 291	5	398	
603	9.719 357	13	9.789 070	17	0.210 930	9.930 286	5	397	
		12		17			4		
604	9.719 369		9.789 087		0.210 913	9.930 282		396	
605	9.719 381	12	9.789 104	17	0.210 896	9.930 277	5	395	
606	9.719 394	13	9.789 121	17	0.210 879	9.930 272	5	394	
		12		17			4		
607	9.719 406		9.789 138		0.210 862	9.930 268		393	
608	9.719 418	12	9.789 155	17	0.210 845	9.930 263	5	392	
609	9.719 430	12	9.789 172	17	0.210 828	9.930 258	5	391	
		13		17			4		
.610	9.719 443		9.789 189		0.210 811	9.930 254		**.390**	
		12		17			5		
611	9.719 455		9.789 206		0.210 794	9.930 249		389	
612	9.719 467	12	9.789 223	17	0.210 777	9.930 244	5	388	
613	9.719 480	13	9.789 240	17	0.210 760	9.930 240	4	387	
		12		17			5		
614	9.719 492		9.789 257		0.210 743	9.930 235		386	
615	9.719 504	12	9.789 274	17	0.210 726	9.930 230	5	385	
616	9.719 517	13	9.789 291	17	0.210 709	9.930 226	4	384	
		12		17			5		
617	9.719 529		9.789 308		0.210 692	9.930 221		383	
618	9.719 541	12	9.789 325	17	0.210 675	9.930 216	5	382	
619	9.719 554	13	9.789 342	17	0.210 658	9.930 212	4	381	
		12		17			5		
.620	9.719 566		9.789 359		0.210 641	9.930 207		**.380**	
		12		17			5		
621	9.719 578		9.789 376		0.210 624	9.930 202		379	
622	9.719 591	13	9.789 393	17	0.210 607	9.930 198	4	378	
623	9.719 603	12	9.789 410	17	0.210 590	9.930 193	5	377	
		12		17			5		
624	9.719 615		9.789 427		0.210 573	9.930 188		376	
625	9.719 627	12	9.789 444	17	0.210 556	9.930 184	4	375	
626	9.719 640	13	9.789 461	17	0.210 539	9.930 179	5	374	
		12		17			5		
627	9.719 652		9.789 478		0.210 522	9.930 174		373	
628	9.719 664	12	9.789 495	17	0.210 505	9.930 170	4	372	
629	9.719 677	13	9.789 512	17	0.210 488	9.930 165	5	371	
		12		17			5		
.630	9.719 689		9.789 529		0.210 471	9.930 160		**.370**	
		12		17			4		
631	9.719 701		9.789 546		0.210 454	9.930 156		369	
632	9.719 714	13	9.789 563	17	0.210 437	9.930 151	5	368	
633	9.719 726	12	9.789 580	17	0.210 420	9.930 146	5	367	
		12		17			4		
634	9.719 738		9.789 597		0.210 403	9.930 142		366	
635	9.719 751	13	9.789 613	16	0.210 387	9.930 137	5	365	
636	9.719 763	12	9.789 630	17	0.210 370	9.930 132	5	364	
		12		17			4		
637	9.719 775		9.789 647		0.210 353	9.930 128		363	
638	9.719 787	12	9.789 664	17	0.210 336	9.930 123	5	362	
639	9.719 800	13	9.789 681	17	0.210 319	9.930 118	5	361	
		12		17			4		
.640	9.719 812		9.789 698		0.210 302	9.930 114		**.360**	
		12		17			5		
641	9.719 824		9.789 715		0.210 285	9.930 109		359	
642	9.719 837	13	9.789 732	17	0.210 268	9.930 104	5	358	
643	9.719 849	12	9.789 749	17	0.210 251	9.930 100	4	357	
		12		17			5		
644	9.719 861		9.789 766		0.210 234	9.930 095		356	
645	9.719 874	13	9.789 783	17	0.210 217	9.930 090	5	355	
646	9.719 886	12	9.789 800	17	0.210 200	9.930 086	4	354	
		12		17			5		
647	9.719 898		9.789 817		0.210 183	9.930 081		353	
648	9.719 910	12	9.789 834	17	0.210 166	9.930 076	5	352	
649	9.719 923	13	9.789 851	17	0.210 149	9.930 072	4	351	
		12		17			5		
.650	9.719 935		9.789 868		0.210 132	9.930 067		**.350**	
	cos	d	cotg	d	tang	sin	d	**58°**	P.P.

	17
1	1.7
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2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

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1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

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1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

58°.400 — 58°.350

31°.650 — 31°.700

31°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.719 935		9.789 868		0.210 132	9.930 067		.350	
		12		17			5		
651	9.719 947		9.789 885		0.210 115	9.930 062		349	
652	9.719 960	13	9.789 902	17	0.210 098	9.930 058	4	348	
653	9.719 972	12	9.789 919	17	0.210 081	9.930 053	5	347	
		12		17			5		
654	9.719 984		9.789 936		0.210 064	9.930 048		346	
655	9.719 997	13	9.789 953	17	0.210 047	9.930 044	4	345	
656	9.720 009	12	9.789 970	17	0.210 030	9.930 039	5	344	
		12		17			5		
657	9.720 021		9.789 987		0.210 013	9.930 034		343	
658	9.720 033	12	9.790 004	17	0.209 996	9.930 030	4	342	
659	9.720 046	13	9.790 021	17	0.209 979	9.930 025	5	341	
		12		17			5		
.660	9.720 058		9.790 038		0.209 962	9.930 020		.340	
		12		17			4		
661	9.720 070		9.790 055		0.209 945	9.930 016		339	
662	9.720 083	13	9.790 072	17	0.209 928	9.930 011	5	338	
663	9.720 095	12	9.790 089	17	0.209 911	9.930 006	5	337	
		12		17			4		
664	9.720 107		9.790 106		0.209 894	9.930 002		336	
665	9.720 119	12	9.790 123	17	0.209 877	9.929 997	5	335	
666	9.720 132	13	9.790 140	17	0.209 860	9.929 992	5	334	
		12		16			4		
667	9.720 144		9.790 156		0.209 844	9.929 988		333	
668	9.720 156	12	9.790 173	17	0.209 827	9.929 983	5	332	
669	9.720 169	13	9.790 190	17	0.209 810	9.929 978	5	331	
		12		17			4		
.670	9.720 181		9.790 207		0.209 793	9.929 974		.330	
		12		17			5		
671	9.720 193		9.790 224		0.209 776	9.929 969		329	
672	9.720 205	12	9.790 241	17	0.209 759	9.929 964	5	328	
673	9.720 218	13	9.790 258	17	0.209 742	9.929 959	5	327	
		12		17			4		
674	9.720 230		9.790 275		0.209 725	9.929 955		326	
675	9.720 242	12	9.790 292	17	0.209 708	9.929 950	5	325	
676	9.720 255	13	9.790 309	17	0.209 691	9.929 945	5	324	
		12		17			4		
677	9.720 267		9.790 326		0.209 674	9.929 941		323	
678	9.720 279	12	9.790 343	17	0.209 657	9.929 936	5	322	
679	9.720 291	12	9.790 360	17	0.209 640	9.929 931	5	321	
		13		17			4		
.680	9.720 304		9.790 377		0.209 623	9.929 927		.320	
		12		17			5		
681	9.720 316		9.790 394		0.209 606	9.929 922		319	
682	9.720 328	12	9.790 411	17	0.209 589	9.929 917	5	318	
683	9.720 341	13	9.790 428	17	0.209 572	9.929 913	4	317	
		12		17			5		
684	9.720 353		9.790 445		0.209 555	9.929 908		316	
685	9.720 365	12	9.790 462	17	0.209 538	9.929 903	5	315	
686	9.720 377	12	9.790 479	17	0.209 521	9.929 899	4	314	
		13		17			5		
687	9.720 390		9.790 496		0.209 504	9.929 894		313	
688	9.720 402	12	9.790 513	17	0.209 487	9.929 889	5	312	
689	9.720 414	12	9.790 530	17	0.209 470	9.929 885	4	311	
		13		17			5		
.690	9.720 427		9.790 547		0.209 453	9.929 880		.310	
		12		17			5		
691	9.720 439		9.790 564		0.209 436	9.929 875		309	
692	9.720 451	12	9.790 580	16	0.209 420	9.929 871	4	308	
693	9.720 463	12	9.790 597	17	0.209 403	9.929 866	5	307	
		13		17			5		
694	9.720 476		9.790 614		0.209 386	9.929 861		306	
695	9.720 488	12	9.790 631	17	0.209 369	9.929 857	4	305	
696	9.720 500	12	9.790 648	17	0.209 352	9.929 852	5	304	
		12		17			5		
697	9.720 512		9.790 665		0.209 335	9.929 847		303	
698	9.720 525	13	9.790 682	17	0.209 318	9.929 843	4	302	
699	9.720 537	12	9.790 699	17	0.209 301	9.929 838	5	301	
		12		17			5		
.700	9.720 549		9.790 716		0.209 284	9.929 833		.300	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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58°.350 — 58°.300

31°.700 — 31°.750

31°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.720 549		9.790 716		0.209 284	9.929 833		.300	
		13		17			5		
701	9.720 562		9.790 733		0.209 267	9.929 828		299	
702	9.720 574	12	9.790 750	17	0.209 250	9.929 824	4	298	
703	9.720 586	12	9.790 767	17	0.209 233	9.929 819	5	297	
		12		17			5		
704	9.720 598		9.790 784		0.209 216	9.929 814		296	
705	9.720 611	13	9.790 801	17	0.209 199	9.929 810	4	295	
706	9.720 623	12	9.790 818	17	0.209 182	9.929 805	5	294	
		12		17			5		
707	9.720 635		9.790 835		0.209 165	9.929 800		293	
708	9.720 647	12	9.790 852	17	0.209 148	9.929 796	4	292	
709	9.720 660	13	9.790 869	17	0.209 131	9.929 791	5	291	
		12		17			5		
.710	9.720 672		9.790 886		0.209 114	9.929 786		.290	
		12		17			4		
711	9.720 684		9.790 903		0.209 097	9.929 782		289	
712	9.720 697	13	9.790 920	17	0.209 080	9.929 777	5	288	
713	9.720 709	12	9.790 937	17	0.209 063	9.929 772	5	287	
		12		16			4		
714	9.720 721		9.790 953		0.209 047	9.929 768		286	
715	9.720 733	12	9.790 970	17	0.209 030	9.929 763	5	285	
716	9.720 746	13	9.790 987	17	0.209 013	9.929 758	5	284	
		12		17			4		
717	9.720 758		9.791 004		0.208 996	9.929 754		283	
718	9.720 770	12	9.791 021	17	0.208 979	9.929 749	5	282	
719	9.720 782	12	9.791 038	17	0.208 962	9.929 744	5	281	
		13		17			5		
.720	9.720 795		9.791 055		0.208 945	9.929 739		.280	
		12		17			4		
721	9.720 807		9.791 072		0.208 928	9.929 735		279	
722	9.720 819	12	9.791 089	17	0.208 911	9.929 730	5	278	
723	9.720 831	12	9.791 106	17	0.208 894	9.929 725	5	277	
		13		17			4		
724	9.720 844		9.791 123		0.208 877	9.929 721		276	
725	9.720 856	12	9.791 140	17	0.208 860	9.929 716	5	275	
726	9.720 868	12	9.791 157	17	0.208 843	9.929 711	5	274	
		12		17			4		
727	9.720 880		9.791 174		0.208 826	9.929 707		273	
728	9.720 893	13	9.791 191	17	0.208 809	9.929 702	5	272	
729	9.720 905	12	9.791 208	17	0.208 792	9.929 697	5	271	
		12		17			4		
.730	9.720 917		9.791 225		0.208 775	9.929 693		.270	
		13		17			5		
731	9.720 930		9.791 242		0.208 758	9.929 688		269	
732	9.720 942	12	9.791 259	17	0.208 741	9.929 683	5	268	
733	9.720 954	12	9.791 275	16	0.208 725	9.929 679	4	267	
		12		17			5		
734	9.720 966		9.791 292		0.208 708	9.929 674		266	
735	9.720 979	13	9.791 309	17	0.208 691	9.929 669	5	265	
736	9.720 991	12	9.791 326	17	0.208 674	9.929 665	4	264	
		12		17			5		
737	9.721 003		9.791 343		0.208 657	9.929 660		263	
738	9.721 015	12	9.791 360	17	0.208 640	9.929 655	5	262	
739	9.721 028	13	9.791 377	17	0.208 623	9.929 650	5	261	
		12		17			4		
.740	9.721 040		9.791 394		0.208 606	9.929 646		.260	
		12		17			5		
741	9.721 052		9.791 411		0.208 589	9.929 641		259	
742	9.721 064	12	9.791 428	17	0.208 572	9.929 636	5	258	
743	9.721 077	13	9.791 445	17	0.208 555	9.929 632	4	257	
		12		17			5		
744	9.721 089		9.791 462		0.208 538	9.929 627		256	
745	9.721 101	12	9.791 479	17	0.208 521	9.929 622	5	255	
746	9.721 113	12	9.791 496	17	0.208 504	9.929 618	4	254	
		13		17			5		
747	9.721 126		9.791 513		0.208 487	9.929 613		253	
748	9.721 138	12	9.791 530	17	0.208 470	9.929 608	5	252	
749	9.721 150	12	9.791 547	17	0.208 453	9.929 604	4	251	
		12		16			5		
.750	9.721 162		9.791 563		0.208 437	9.929 599		.250	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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58°.300 — 58°.250

31°.750 — 31°.800

31°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.721 162		9.791 563		0.208 437	9.929 599		.250	
		13		17			5		
751	9.721 175		9.791 580		0.208 420	9.929 594		249	
		12		17			5		
752	9.721 187		9.791 597		0.208 403	9.929 589		248	
		12		17			4		
753	9.721 199		9.791 614		0.208 386	9.929 585		247	
		12		17			5		
754	9.721 211		9.791 631		0.208 369	9.929 580		246	
		13		17			5		
755	9.721 224		9.791 648		0.208 352	9.929 575		245	
		12		17			4		
756	9.721 236		9.791 665		0.208 335	9.929 571		244	
		12		17			5		
757	9.721 248		9.791 682		0.208 318	9.929 566		243	
		12		17			5		
758	9.721 260		9.791 699		0.208 301	9.929 561		242	
		13		17			4		
759	9.721 273		9.791 716		0.208 284	9.929 557		241	
		12		17			5		
.760	9.721 285		9.791 733		0.208 267	9.929 552		.240	
		12		17			5		
761	9.721 297		9.791 750		0.208 250	9.929 547		239	
		12		17			4		
762	9.721 309		9.791 767		0.208 233	9.929 543		238	
		13		17			5		
763	9.721 322		9.791 784		0.208 216	9.929 538		237	
		12		17			5		
764	9.721 334		9.791 801		0.208 199	9.929 533		236	
		12		17			5		
765	9.721 346		9.791 818		0.208 182	9.929 528		235	
		12		16			4		
766	9.721 358		9.791 834		0.208 166	9.929 524		234	
		12		17			5		
767	9.721 370		9.791 851		0.208 149	9.929 519		233	
		13		17			5		
768	9.721 383		9.791 868		0.208 132	9.929 514		232	
		12		17			4		
769	9.721 395		9.791 885		0.208 115	9.929 510		231	
		12		17			5		
.770	9.721 407		9.791 902		0.208 098	9.929 505		.230	
		12		17			5		
771	9.721 419		9.791 919		0.208 081	9.929 500		229	
		13		17			4		
772	9.721 432		9.791 936		0.208 064	9.929 496		228	
		12		17			5		
773	9.721 444		9.791 953		0.208 047	9.929 491		227	
		12		17			5		
774	9.721 456		9.791 970		0.208 030	9.929 486		226	
		12		17			4		
775	9.721 468		9.791 987		0.208 013	9.929 482		225	
		13		17			5		
776	9.721 481		9.792 004		0.207 996	9.929 477		224	
		12		17			5		
777	9.721 493		9.792 021		0.207 979	9.929 472		223	
		12		17			5		
778	9.721 505		9.792 038		0.207 962	9.929 467		222	
		12		17			4		
779	9.721 517		9.792 055		0.207 945	9.929 463		221	
		13		17			5		
.780	9.721 530		9.792 072		0.207 928	9.929 458		.220	
		12		16			5		
781	9.721 542		9.792 088		0.207 912	9.929 453		219	
		12		17			4		
782	9.721 554		9.792 105		0.207 895	9.929 449		218	
		12		17			5		
783	9.721 566		9.792 122		0.207 878	9.929 444		217	
		13		17			5		
784	9.721 579		9.792 139		0.207 861	9.929 439		216	
		12		17			4		
785	9.721 591		9.792 156		0.207 844	9.929 435		215	
		12		17			5		
786	9.721 603		9.792 173		0.207 827	9.929 430		214	
		12		17			5		
787	9.721 615		9.792 190		0.207 810	9.929 425		213	
		12		17			5		
788	9.721 627		9.792 207		0.207 793	9.929 420		212	
		13		17			4		
789	9.721 640		9.792 224		0.207 776	9.929 416		211	
		12		17			5		
.790	9.721 652		9.792 241		0.207 759	9.929 411		.210	
		12		17			5		
791	9.721 664		9.792 258		0.207 742	9.929 406		209	
		12		17			4		
792	9.721 676		9.792 275		0.207 725	9.929 402		208	
		13		17			5		
793	9.721 689		9.792 292		0.207 708	9.929 397		207	
		12		17			5		
794	9.721 701		9.792 309		0.207 691	9.929 392		206	
		12		16			4		
795	9.721 713		9.792 325		0.207 675	9.929 388		205	
		12		17			5		
796	9.721 725		9.792 342		0.207 658	9.929 383		204	
		13		17			5		
797	9.721 738		9.792 359		0.207 641	9.929 378		203	
		12		17			5		
798	9.721 750		9.792 376		0.207 624	9.929 373		202	
		12		17			4		
799	9.721 762		9.792 393		0.207 607	9.929 369		201	
		12		17			5		
.800	9.721 774		9.792 410		0.207 590	9.929 364		.200	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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58°.250 — 58°.200

31°.800 — 31°.850

31°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.721 774		9.792 410		0.207 590	9.929 364		**.200**	
		12		17			5		
801	9.721 786		9.792 427		0.207 573	9.929 359		199	
802	9.721 799	13	9.792 444	17	0.207 556	9.929 355	4	198	
803	9.721 811	12	9.792 461	17	0.207 539	9.929 350	5	197	
		12		17			5		
804	9.721 823		9.792 478		0.207 522	9.929 345		196	
805	9.721 835	12	9.792 495	17	0.207 505	9.929 341	4	195	
806	9.721 848	13	9.792 512	17	0.207 488	9.929 336	5	194	
		12		17			5		
807	9.721 860		9.792 529		0.207 471	9.929 331		193	
808	9.721 872	12	9.792 545	16	0.207 455	9.929 326	5	192	
809	9.721 884	12	9.792 562	17	0.207 438	9.929 322	4	191	
		12		17			5		
.810	9.721 896		9.792 579		0.207 421	9.929 317		**.190**	
		13		17			5		
811	9.721 909		9.792 596		0.207 404	9.929 312		189	
812	9.721 921	12	9.792 613	17	0.207 387	9.929 308	4	188	
813	9.721 933	12	9.792 630	17	0.207 370	9.929 303	5	187	
		12		17			5		
814	9.721 945		9.792 647		0.207 353	9.929 298		186	
815	9.721 958	13	9.792 664	17	0.207 336	9.929 294	4	185	
816	9.721 970	12	9.792 681	17	0.207 319	9.929 289	5	184	
		12		17			5		
817	9.721 982		9.792 698		0.207 302	9.929 284		183	
818	9.721 994	12	9.792 715	17	0.207 285	9.929 279	5	182	
819	9.722 006	12	9.792 732	17	0.207 268	9.929 275	4	181	
		13		17			5		
.820	9.722 019		9.792 749		0.207 251	9.929 270		**.180**	
		12		16			5		
821	9.722 031		9.792 765		0.207 235	9.929 265		179	
822	9.722 043	12	9.792 782	17	0.207 218	9.929 261	4	178	
823	9.722 055	12	9.792 799	17	0.207 201	9.929 256	5	177	
		12		17			5		
824	9.722 067		9.792 816		0.207 184	9.929 251		176	
825	9.722 080	13	9.792 833	17	0.207 167	9.929 247	4	175	
826	9.722 092	12	9.792 850	17	0.207 150	9.929 242	5	174	
		12		17			5		
827	9.722 104		9.792 867		0.207 133	9.929 237		173	
828	9.722 116	12	9.792 884	17	0.207 116	9.929 232	5	172	
829	9.722 129	13	9.792 901	17	0.207 099	9.929 228	4	171	
		12		17			5		
.830	9.722 141		9.792 918		0.207 082	9.929 223		**.170**	
		12		17			5		
831	9.722 153		9.792 935		0.207 065	9.929 218		169	
832	9.722 165	12	9.792 952	17	0.207 048	9.929 214	4	168	
833	9.722 177	12	9.792 968	16	0.207 032	9.929 209	5	167	
		13		17			5		
834	9.722 190		9.792 985		0.207 015	9.929 204		166	
835	9.722 202	12	9.793 002	17	0.206 998	9.929 199	5	165	
836	9.722 214	12	9.793 019	17	0.206 981	9.929 195	4	164	
		12		17			5		
837	9.722 226		9.793 036		0.206 964	9.929 190		163	
838	9.722 238	12	9.793 053	17	0.206 947	9.929 185	5	162	
839	9.722 251	13	9.793 070	17	0.206 930	9.929 181	4	161	
		12		17			5		
.840	9.722 263		9.793 087		0.206 913	9.929 176		**.160**	
		12		17			5		
841	9.722 275		9.793 104		0.206 896	9.929 171		159	
842	9.722 287	12	9.793 121	17	0.206 879	9.929 167	4	158	
843	9.722 299	12	9.793 138	17	0.206 862	9.929 162	5	157	
		13		16			5		
844	9.722 312		9.793 154		0.206 846	9.929 157		156	
845	9.722 324	12	9.793 171	17	0.206 829	9.929 152	5	155	
846	9.722 336	12	9.793 188	17	0.206 812	9.929 148	4	154	
		12		17			5		
847	9.722 348		9.793 205		0.206 795	9.929 143		153	
848	9.722 360	12	9.793 222	17	0.206 778	9.929 138	5	152	
849	9.722 373	13	9.793 239	17	0.206 761	9.929 134	4	151	
		12		17			5		
.850	9.722 385		9.793 256		0.206 744	9.929 129		**.150**	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	16
1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

58°.200 — 58°.150

31°.850 — 31°.900

31°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.722 385		9.793 256		0.206 744	9.929 129		**.150**	
		12		17			5		
851	9.722 397		9.793 273		0.206 727	9.929 124		149	
852	9.722 409	12	9.793 290	17	0.206 710	9.929 119	5	148	
853	9.722 421	12	9.793 307	17	0.206 693	9.929 115	4	147	
		13		17			5		17
854	9.722 434		9.793 324		0.206 676	9.929 110		146	1 1.7
855	9.722 446	12	9.793 341	17	0.206 659	9.929 105	5	145	2 3.4
856	9.722 458	12	9.793 357	16	0.206 643	9.929 101	4	144	3 5.1
		12		17			5		4 6.8
857	9.722 470		9.793 374		0.206 626	9.929 096		143	5 8.5
858	9.722 482	12	9.793 391	17	0.206 609	9.929 091	5	142	6 10.2
859	9.722 495	13	9.793 408	17	0.206 592	9.929 086	5	141	7 11.9
		12		17			4		8 13.6
.860	9.722 507		9.793 425		0.206 575	9.929 082		**.140**	9 15.3
		12		17			5		
861	9.722 519		9.793 442		0.206 558	9.929 077		139	
862	9.722 531	12	9.793 459	17	0.206 541	9.929 072	5	138	
863	9.722 543	12	9.793 476	17	0.206 524	9.929 068	4	137	
		13		17			5		
864	9.722 556		9.793 493		0.206 507	9.929 063		136	
865	9.722 568	12	9.793 510	17	0.206 490	9.929 058	5	135	
866	9.722 580	12	9.793 526	16	0.206 474	9.929 054	4	134	16
		12		17			5		1 1.6
867	9.722 592		9.793 543		0.206 457	9.929 049		133	2 3.2
868	9.722 604	12	9.793 560	17	0.206 440	9.929 044	5	132	3 4.8
869	9.722 617	13	9.793 577	17	0.206 423	9.929 039	5	131	4 6.4
		12		17			4		5 8.0
.870	9.722 629		9.793 594		0.206 406	9.929 035		**.130**	6 9.6
		12		17			5		7 11.2
871	9.722 641		9.793 611		0.206 389	9.929 030		129	8 12.8
872	9.722 653	12	9.793 628	17	0.206 372	9.929 025	5	128	9 14.4
873	9.722 665	12	9.793 645	17	0.206 355	9.929 021	4	127	
		13		17			5		
874	9.722 678		9.793 662		0.206 338	9.929 016		126	
875	9.722 690	12	9.793 679	17	0.206 321	9.929 011	5	125	
876	9.722 702	12	9.793 696	17	0.206 304	9.929 006	5	124	
		12		16			4		
877	9.722 714		9.793 712		0.206 288	9.929 002		123	13
878	9.722 726	12	9.793 729	17	0.206 271	9.928 997	5	122	
879	9.722 738	12	9.793 746	17	0.206 254	9.928 992	5	121	1 1.3
		13		17			4		2 2.6
.880	9.722 751		9.793 763		0.206 237	9.928 988		**.120**	3 3.9
		12		17			5		4 5.2
881	9.722 763		9.793 780		0.206 220	9.928 983		119	5 6.5
882	9.722 775	12	9.793 797	17	0.206 203	9.928 978	5	118	6 7.8
883	9.722 787	12	9.793 814	17	0.206 186	9.928 973	5	117	7 9.1
		12		17			4		8 10.4
884	9.722 799		9.793 831		0.206 169	9.928 969		116	9 11.7
885	9.722 812	13	9.793 848	17	0.206 152	9.928 964	5	115	
886	9.722 824	12	9.793 865	17	0.206 135	9.928 959	5	114	
		12		16			4		
887	9.722 836		9.793 881		0.206 119	9.928 955		113	
888	9.722 848	12	9.793 898	17	0.206 102	9.928 950	5	112	
889	9.722 860	12	9.793 915	17	0.206 085	9.928 945	5	111	12
		13		17			5		
.890	9.722 873		9.793 932		0.206 068	9.928 940		**.110**	1 1.2
		12		17			4		2 2.4
891	9.722 885		9.793 949		0.206 051	9.928 936		109	3 3.6
892	9.722 897	12	9.793 966	17	0.206 034	9.928 931	5	108	4 4.8
893	9.722 909	12	9.793 983	17	0.206 017	9.928 926	5	107	5 6.0
		12		17			4		6 7.2
894	9.722 921		9.794 000		0.206 000	9.928 922		106	7 8.4
895	9.722 933	12	9.794 017	17	0.205 983	9.928 917	5	105	8 9.6
896	9.722 946	13	9.794 034	17	0.205 966	9.928 912	5	104	9 10.8
		12		16			5		
897	9.722 958		9.794 050		0.205 950	9.928 907		103	
898	9.722 970	12	9.794 067	17	0.205 933	9.928 903	4	102	
899	9.722 982	12	9.794 084	17	0.205 916	9.928 898	5	101	
		12		17			5		
.900	9.722 994		9.794 101		0.205 899	9.928 893		**.100**	
	cos	d	cotg	d	tang	sin	d	**58°**	P.P.

58°.150 — 58°.100

31°.900 — 31°.950

31°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.722 994		9.794 101		0.205 899	9.928 893		.100	
		12		17			5		
901	9.723 006		9.794 118		0.205 882	9.928 888		099	
902	9.723 019	13	9.794 135	17	0.205 865	9.928 884	4	098	
903	9.723 031	12	9.794 152	17	0.205 848	9.928 879	5	097	
		12		17			5		
904	9.723 043		9.794 169		0.205 831	9.928 874		096	
905	9.723 055	12	9.794 186	17	0.205 814	9.928 870	4	095	
906	9.723 067	12	9.794 202	16	0.205 798	9.928 865	5	094	
		13		17			5		
907	9.723 080		9.794 219		0.205 781	9.928 860		093	
908	9.723 092	12	9.794 236	17	0.205 764	9.928 855	5	092	
909	9.723 104	12	9.794 253	17	0.205 747	9.928 851	4	091	
		12		17			5		
.910	9.723 116		9.794 270		0.205 730	9.928 846		.090	
		12		17			5		
911	9.723 128		9.794 287		0.205 713	9.928 841		089	
912	9.723 140	12	9.794 304	17	0.205 696	9.928 837	4	088	
913	9.723 153	13	9.794 321	17	0.205 679	9.928 832	5	087	
		12		17			5		
914	9.723 165		9.794 338		0.205 662	9.928 827		086	
915	9.723 177	12	9.794 355	17	0.205 645	9.928 822	5	085	
916	9.723 189	12	9.794 371	16	0.205 629	9.928 818	4	084	
		12		17			5		
917	9.723 201		9.794 388		0.205 612	9.928 813		083	
918	9.723 213	12	9.794 405	17	0.205 595	9.928 808	5	082	
919	9.723 226	13	9.794 422	17	0.205 578	9.928 804	4	081	
		12		17			5		
.920	9.723 238		9.794 439		0.205 561	9.928 799		.080	
		12		17			5		
921	9.723 250		9.794 456		0.205 544	9.928 794		079	
922	9.723 262	12	9.794 473	17	0.205 527	9.928 789	5	078	
923	9.723 274	12	9.794 490	17	0.205 510	9.928 785	4	077	
		12		17			5		
924	9.723 286		9.794 507		0.205 493	9.928 780		076	
925	9.723 299	13	9.794 523	16	0.205 477	9.928 775	5	075	
926	9.723 311	12	9.794 540	17	0.205 460	9.928 770	5	074	
		12		17			4		
927	9.723 323		9.794 557		0.205 443	9.928 766		073	
928	9.723 335	12	9.794 574	17	0.205 426	9.928 761	5	072	
929	9.723 347	12	9.794 591	17	0.205 409	9.928 756	5	071	
		12		17			4		
.930	9.723 359		9.794 608		0.205 392	9.928 752		.070	
		13		17			5		
931	9.723 372		9.794 625		0.205 375	9.928 747		069	
932	9.723 384	12	9.794 642	17	0.205 358	9.928 742	5	068	
933	9.723 396	12	9.794 659	17	0.205 341	9.928 737	5	067	
		12		16			4		
934	9.723 408		9.794 675		0.205 325	9.928 733		066	
935	9.723 420	12	9.794 692	17	0.205 308	9.928 728	5	065	
936	9.723 432	12	9.794 709	17	0.205 291	9.928 723	5	064	
		13		17			4		
937	9.723 445		9.794 726		0.205 274	9.928 719		063	
938	9.723 457	12	9.794 743	17	0.205 257	9.928 714	5	062	
939	9.723 469	12	9.794 760	17	0.205 240	9.928 709	5	061	
		12		17			5		
.940	9.723 481		9.794 777		0.205 223	9.928 704		.060	
		12		17			4		
941	9.723 493		9.794 794		0.205 206	9.928 700		059	
942	9.723 505	12	9.794 810	16	0.205 190	9.928 695	5	058	
943	9.723 518	13	9.794 827	17	0.205 173	9.928 690	5	057	
		12		17			5		
944	9.723 530		9.794 844		0.205 156	9.928 685		056	
945	9.723 542	12	9.794 861	17	0.205 139	9.928 681	4	055	
946	9.723 554	12	9.794 878	17	0.205 122	9.928 676	5	054	
		12		17			5		
947	9.723 566		9.794 895		0.205 105	9.928 671		053	
948	9.723 578	12	9.794 912	17	0.205 088	9.928 667	4	052	
949	9.723 590	12	9.794 929	17	0.205 071	9.928 662	5	051	
		13		17			5		
.950	9.723 603		9.794 946		0.205 054	9.928 657		.050	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.100 — 58°.050

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	16
1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

31°.950 — 32°.000

31°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.723 603		9.794 946		0.205 054	9.928 657		.050	
		12		16			5		
951	9.723 615		9.794 962		0.205 038	9.928 652		049	
952	9.723 627	12	9.794 979	17	0.205 021	9.928 648	4	048	
953	9.723 639	12	9.794 996	17	0.205 004	9.928 643	5	047	
		12		17			5		
954	9.723 651		9.795 013		0.204 987	9.928 638		046	
955	9.723 663	12	9.795 030	17	0.204 970	9.928 633	5	045	
956	9.723 676	13	9.795 047	17	0.204 953	9.928 629	4	044	
		12		17			5		
957	9.723 688		9.795 064		0.204 936	9.928 624		043	
958	9.723 700	12	9.795 081	17	0.204 919	9.928 619	5	042	
959	9.723 712	12	9.795 097	16	0.204 903	9.928 615	4	041	
		12		17			5		
.960	9.723 724		9.795 114		0.204 886	9.928 610		.040	
		12		17			5		
961	9.723 736		9.795 131		0.204 869	9.928 605		039	
962	9.723 748	12	9.795 148	17	0.204 852	9.928 600	5	038	
963	9.723 761	13	9.795 165	17	0.204 835	9.928 596	4	037	
		12		17			5		
964	9.723 773		9.795 182		0.204 818	9.928 591		036	
965	9.723 785	12	9.795 199	17	0.204 801	9.928 586	5	035	
966	9.723 797	12	9.795 216	17	0.204 784	9.928 581	5	034	
		12		16			4		
967	9.723 809		9.795 232		0.204 768	9.928 577		033	
968	9.723 821	12	9.795 249	17	0.204 751	9.928 572	5	032	
969	9.723 833	12	9.795 266	17	0.204 734	9.928 567	5	031	
		13		17			5		
.970	9.723 846		9.795 283		0.204 717	9.928 562		.030	
		12		17			4		
971	9.723 858		9.795 300		0.204 700	9.928 558		029	
972	9.723 870	12	9.795 317	17	0.204 683	9.928 553	5	028	
973	9.723 882	12	9.795 334	17	0.204 666	9.928 548	5	027	
		12		17			4		
974	9.723 894		9.795 351		0.204 649	9.928 544		026	
975	9.723 906	12	9.795 367	16	0.204 633	9.928 539	5	025	
976	9.723 918	12	9.795 384	17	0.204 616	9.928 534	5	024	
		13		17			5		
977	9.723 931		9.795 401		0.204 599	9.928 529		023	
978	9.723 943	12	9.795 418	17	0.204 582	9.928 525	4	022	
979	9.723 955	12	9.795 435	17	0.204 565	9.928 520	5	021	
		12		17			5		
.980	9.723 967		9.795 452		0.204 548	9.928 515		.020	
		12		17			5		
981	9.723 979		9.795 469		0.204 531	9.928 510		019	
982	9.723 991	12	9.795 486	17	0.204 514	9.928 506	4	018	
983	9.724 003	12	9.795 502	16	0.204 498	9.928 501	5	017	
		13		17			5		
984	9.724 016		9.795 519		0.204 481	9.928 496		016	
985	9.724 028	12	9.795 536	17	0.204 464	9.928 492	4	015	
986	9.724 040	12	9.795 553	17	0.204 447	9.928 487	5	014	
		12		17			5		
987	9.724 052		9.795 570		0.204 430	9.928 482		013	
988	9.724 064	12	9.795 587	17	0.204 413	9.928 477	5	012	
989	9.724 076	12	9.795 604	17	0.204 396	9.928 473	4	011	
		12		17			5		
.990	9.724 088		9.795 621		0.204 379	9.928 468		.010	
		13		16			5		
991	9.724 101		9.795 637		0.204 363	9.928 463		009	
992	9.724 113	12	9.795 654	17	0.204 346	9.928 458	5	008	
993	9.724 125	12	9.795 671	17	0.204 329	9.928 454	4	007	
		12		17			5		
994	9.724 137		9.795 688		0.204 312	9.928 449		006	
995	9.724 149	12	9.795 705	17	0.204 295	9.928 444	5	005	
996	9.724 161	12	9.795 722	17	0.204 278	9.928 439	5	004	
		12		17			4		
997	9.724 173		9.795 739		0.204 261	9.928 435		003	
998	9.724 185	12	9.795 755	16	0.204 245	9.928 430	5	002	
999	9.724 198	13	9.795 772	17	0.204 228	9.928 425	5	001	
		12		17			5		
*000	9.724 210		9.795 789		0.204 211	9.928 420		.000	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

58°.050 — 58°.000

32°.000 — 32°.050

32°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.724 210		9.795 789		0.204 211	9.928 420		***000**	
		12		17			4		
001	9.724 222		9.795 806		0.204 194	9.928 416		999	
002	9.724 234	12	9.795 823	17	0.204 177	9.928 411	5	998	
003	9.724 246	12	9.795 840	17	0.204 160	9.928 406	5	997	
		12		17			4		
004	9.724 258		9.795 857		0.204 143	9.928 402		996	
005	9.724 270	12	9.795 874	17	0.204 126	9.928 397	5	995	
006	9.724 282	12	9.795 890	16	0.204 110	9.928 392	5	994	
		13		17			5		
007	9.724 295		9.795 907		0.204 093	9.928 387		993	
008	9.724 307	12	9.795 924	17	0.204 076	9.928 383	4	992	
009	9.724 319	12	9.795 941	17	0.204 059	9.928 378	5	991	
		12		17			5		
.010	9.724 331		9.795 958		0.204 042	9.928 373		**.990**	
		12		17			5		
011	9.724 343		9.795 975		0.204 025	9.928 368		989	
012	9.724 355	12	9.795 992	17	0.204 008	9.928 364	4	988	
013	9.724 367	12	9.796 008	16	0.203 992	9.928 359	5	987	
		12		17			5		
014	9.724 379		9.796 025		0.203 975	9.928 354		986	
015	9.724 392	13	9.796 042	17	0.203 958	9.928 349	5	985	
016	9.724 404	12	9.796 059	17	0.203 941	9.928 345	4	984	
		12		17			5		
017	9.724 416		9.796 076		0.203 924	9.928 340		983	
018	9.724 428	12	9.796 093	17	0.203 907	9.928 335	5	982	
019	9.724 440	12	9.796 110	17	0.203 890	9.928 330	5	981	
		12		17			4		
.020	9.724 452		9.796 127		0.203 873	9.928 326		**.980**	
		12		16			5		
021	9.724 464		9.796 143		0.203 857	9.928 321		979	
022	9.724 476	12	9.796 160	17	0.203 840	9.928 316	5	978	
023	9.724 489	13	9.796 177	17	0.203 823	9.928 311	5	977	
		12		17			4		
024	9.724 501		9.796 194		0.203 806	9.928 307		976	
025	9.724 513	12	9.796 211	17	0.203 789	9.928 302	5	975	
026	9.724 525	12	9.796 228	17	0.203 772	9.928 297	5	974	
		12		17			4		
027	9.724 537		9.796 245		0.203 755	9.928 293		973	
028	9.724 549	12	9.796 261	16	0.203 739	9.928 288	5	972	
029	9.724 561	12	9.796 278	17	0.203 722	9.928 283	5	971	
		12		17			5		
.030	9.724 573		9.796 295		0.203 705	9.928 278		**.970**	
		13		17			4		
031	9.724 586		9.796 312		0.203 688	9.928 274		969	
032	9.724 598	12	9.796 329	17	0.203 671	9.928 269	5	968	
033	9.724 610	12	9.796 346	17	0.203 654	9.928 264	5	967	
		12		17			5		
034	9.724 622		9.796 363		0.203 637	9.928 259		966	
035	9.724 634	12	9.796 379	16	0.203 621	9.928 255	4	965	
036	9.724 646	12	9.796 396	17	0.203 604	9.928 250	5	964	
		12		17			5		
037	9.724 658		9.796 413		0.203 587	9.928 245		963	
038	9.724 670	12	9.796 430	17	0.203 570	9.928 240	5	962	
039	9.724 682	12	9.796 447	17	0.203 553	9.928 236	4	961	
		13		17			5		
.040	9.724 695		9.796 464		0.203 536	9.928 231		**.960**	
		12		17			5		
041	9.724 707		9.796 481		0.203 519	9.928 226		959	
042	9.724 719	12	9.796 497	16	0.203 503	9.928 221	5	958	
043	9.724 731	12	9.796 514	17	0.203 486	9.928 217	4	957	
		12		17			5		
044	9.724 743		9.796 531		0.203 469	9.928 212		956	
045	9.724 755	12	9.796 548	17	0.203 452	9.928 207	5	955	
046	9.724 767	12	9.796 565	17	0.203 435	9.928 202	5	954	
		12		17			4		
047	9.724 779		9.796 582		0.203 418	9.928 198		953	
048	9.724 791	12	9.796 598	16	0.203 402	9.928 193	5	952	
049	9.724 804	13	9.796 615	17	0.203 385	9.928 188	5	951	
		12		17			5		
.050	9.724 816		9.796 632		0.203 368	9.928 183		**.950**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

58°.000 — 57°.950

32°.050 — 32°.100

32°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.724 816		9.796 632		0.203 368	9.928 183		**.950**	
		12		17			4		
051	9.724 828		9.796 649		0.203 351	9.928 179		949	
052	9.724 840	12	9.796 666	17	0.203 334	9.928 174	5	948	
053	9.724 852	12	9.796 683	17	0.203 317	9.928 169	5	947	
		12		17			5		
054	9.724 864		9.796 700		0.203 300	9.928 164		946	
055	9.724 876	12	9.796 716	16	0.203 284	9.928 160	4	945	
056	9.724 888	12	9.796 733	17	0.203 267	9.928 155	5	944	
		12		17			5		
057	9.724 900		9.796 750		0.203 250	9.928 150		943	
058	9.724 912	12	9.796 767	17	0.203 233	9.928 145	5	942	
059	9.724 925	13	9.796 784	17	0.203 216	9.928 141	4	941	
		12		17			5		
.060	9.724 937		9.796 801		0.203 199	9.928 136		**.940**	
		12		17			5		
061	9.724 949		9.796 818		0.203 182	9.928 131		939	
062	9.724 961	12	9.796 834	16	0.203 166	9.928 126	5	938	
063	9.724 973	12	9.796 851	17	0.203 149	9.928 122	4	937	
		12		17			5		
064	9.724 985		9.796 868		0.203 132	9.928 117		936	
065	9.724 997	12	9.796 885	17	0.203 115	9.928 112	5	935	
066	9.725 009	12	9.796 902	17	0.203 098	9.928 107	5	934	
		12		17			4		
067	9.725 021		9.796 919		0.203 081	9.928 103		933	
068	9.725 033	12	9.796 936	17	0.203 064	9.928 098	5	932	
069	9.725 046	13	9.796 952	16	0.203 048	9.928 093	5	931	
		12		17			5		
.070	9.725 058		9.796 969		0.203 031	9.928 088		**.930**	
		12		17			4		
071	9.725 070		9.796 986		0.203 014	9.928 084		929	
072	9.725 082	12	9.797 003	17	0.202 997	9.928 079	5	928	
073	9.725 094	12	9.797 020	17	0.202 980	9.928 074	5	927	
		12		17			5		
074	9.725 106		9.797 037		0.202 963	9.928 069		926	
075	9.725 118	12	9.797 053	16	0.202 947	9.928 065	4	925	
076	9.725 130	12	9.797 070	17	0.202 930	9.928 060	5	924	
		12		17			5		
077	9.725 142		9.797 087		0.202 913	9.928 055		923	
078	9.725 154	12	9.797 104	17	0.202 896	9.928 050	5	922	
079	9.725 167	13	9.797 121	17	0.202 879	9.928 046	4	921	
		12		17			5		
.080	9.725 179		9.797 138		0.202 862	9.928 041		**.920**	
		12		16			5		
081	9.725 191		9.797 154		0.202 846	9.928 036		919	
082	9.725 203	12	9.797 171	17	0.202 829	9.928 031	5	918	
083	9.725 215	12	9.797 188	17	0.202 812	9.928 027	4	917	
		12		17			5		
084	9.725 227		9.797 205		0.202 795	9.928 022		916	
085	9.725 239	12	9.797 222	17	0.202 778	9.928 017	5	915	
086	9.725 251	12	9.797 239	17	0.202 761	9.928 012	5	914	
		12		17			4		
087	9.725 263		9.797 256		0.202 744	9.928 008		913	
088	9.725 275	12	9.797 272	16	0.202 728	9.928 003	5	912	
089	9.725 287	12	9.797 289	17	0.202 711	9.927 998	5	911	
		13		17			5		
.090	9.725 300		9.797 306		0.202 694	9.927 993		**.910**	
		12		17			4		
091	9.725 312		9.797 323		0.202 677	9.927 989		909	
092	9.725 324	12	9.797 340	17	0.202 660	9.927 984	5	908	
093	9.725 336	12	9.797 357	17	0.202 643	9.927 979	5	907	
		12		16			5		
094	9.725 348		9.797 373		0.202 627	9.927 974		906	
095	9.725 360	12	9.797 390	17	0.202 610	9.927 970	4	905	
096	9.725 372	12	9.797 407	17	0.202 593	9.927 965	5	904	
		12		17			5		
097	9.725 384		9.797 424		0.202 576	9.927 960		903	
098	9.725 396	12	9.797 441	17	0.202 559	9.927 955	5	902	
099	9.725 408	12	9.797 458	17	0.202 542	9.927 951	4	901	
		12		16			5		
.100	9.725 420		9.797 474		0.202 526	9.927 946		**.900**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

57°.950 — 57°.900

32°.100 — 32°.150

32°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9·725 420		9·797 474		0.202 526	9·927 946		.900	
		12		17			5		
101	9·725 432		9·797 491		0.202 509	9·927 941		899	
102	9·725 445	13	9·797 508	17	0.202 492	9·927 936	5	898	
103	9·725 457	12	9·797 525	17	0.202 475	9·927 932	4	897	
		12		17			5		
104	9·725 469		9·797 542		0.202 458	9·927 927		896	
105	9·725 481	12	9·797 559	17	0.202 441	9·927 922	5	895	
106	9·725 493	12	9·797 575	16	0.202 425	9·927 917	5	894	
		12		17			4		
107	9·725 505		9·797 592		0.202 408	9·927 913		893	
108	9·725 517	12	9·797 609	17	0.202 391	9·927 908	5	892	
109	9·725 529	12	9·797 626	17	0.202 374	9·927 903	5	891	
		12		17			5		
.110	9·725 541		9·797 643		0.202 357	9·927 898		.890	
		12		17			4		
111	9·725 553		9·797 660		0.202 340	9·927 894		889	
112	9·725 565	12	9·797 677	17	0.202 323	9·927 889	5	888	
113	9·725 577	12	9·797 693	16	0.202 307	9·927 884	5	887	
		13		17			5		
114	9·725 590		9·797 710		0.202 290	9·927 879		886	
115	9·725 602	12	9·797 727	17	0.202 273	9·927 875	4	885	
116	9·725 614	12	9·797 744	17	0.202 256	9·927 870	5	884	
		12		17			5		
117	9·725 626		9·797 761		0.202 239	9·927 865		883	
118	9·725 638	12	9·797 778	17	0.202 222	9·927 860	5	882	
119	9·725 650	12	9·797 794	16	0.202 206	9·927 856	4	881	
		12		17			5		
.120	9·725 662		9·797 811		0.202 189	9·927 851		.880	
		12		17			5		
121	9·725 674		9·797 828		0.202 172	9·927 846		879	
122	9·725 686	12	9·797 845	17	0.202 155	9·927 841	5	878	
123	9·725 698	12	9·797 862	17	0.202 138	9·927 837	4	877	
		12		17			5		
124	9·725 710		9·797 879		0.202 121	9·927 832		876	
125	9·725 722	12	9·797 895	16	0.202 105	9·927 827	5	875	
126	9·725 734	12	9·797 912	17	0.202 088	9·927 822	5	874	
		12		17			5		
127	9·725 746		9·797 929		0.202 071	9·927 817		873	
128	9·725 759	13	9·797 946	17	0.202 054	9·927 813	4	872	
129	9·725 771	12	9·797 963	17	0.202 037	9·927 808	5	871	
		12		16			5		
.130	9·725 783		9·797 979		0.202 021	9·927 803		.870	
		12		17			5		
131	9·725 795		9·797 996		0.202 004	9·927 798		869	
132	9·725 807	12	9·798 013	17	0.201 987	9·927 794	4	868	
133	9·725 819	12	9·798 030	17	0.201 970	9·927 789	5	867	
		12		17			5		
134	9·725 831		9·798 047		0.201 953	9·927 784		866	
135	9·725 843	12	9·798 064	17	0.201 936	9·927 779	5	865	
136	9·725 855	12	9·798 080	16	0.201 920	9·927 775	4	864	
		12		17			5		
137	9·725 867		9·798 097		0.201 903	9·927 770		863	
138	9·725 879	12	9·798 114	17	0.201 886	9·927 765	5	862	
139	9·725 891	12	9·798 131	17	0.201 869	9·927 760	5	861	
		12		17			4		
.140	9·725 903		9·798 148		0.201 852	9·927 756		.860	
		12		17			5		
141	9·725 915		9·798 165		0.201 835	9·927 751		859	
142	9·725 927	12	9·798 181	16	0.201 819	9·927 746	5	858	
143	9·725 940	13	9·798 198	17	0.201 802	9·927 741	5	857	
		12		17			4		
144	9·725 952		9·798 215		0.201 785	9·927 737		856	
145	9·725 964	12	9·798 232	17	0.201 768	9·927 732	5	855	
146	9·725 976	12	9·798 249	17	0.201 751	9·927 727	5	854	
		12		17			5		
147	9·725 988		9·798 266		0.201 734	9·927 722		853	
148	9·726 000	12	9·798 282	16	0.201 718	9·927 717	5	852	
149	9·726 012	12	9·798 299	17	0.201 701	9·927 713	4	851	
		12		17			5		
.150	9·726 024		9·798 316		0.201 684	9·927 708		.850	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

57°.900 — 57°.850

32°.150 — 32°.200

32°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.726 024		9.798 316		0.201 684	9.927 708		**.850**	
		12		17			5		
151	9.726 036		9.798 333		0.201 667	9.927 703		849	
152	9.726 048	12	9.798 350	17	0.201 650	9.927 698	5	848	
153	9.726 060	12	9.798 366	16	0.201 634	9.927 694	4	847	
		12		17			5		
154	9.726 072		9.798 383		0.201 617	9.927 689		846	
155	9.726 084	12	9.798 400	17	0.201 600	9.927 684	5	845	
156	9.726 096	12	9.798 417	17	0.201 583	9.927 679	5	844	
		12		17			4		
157	9.726 108		9.798 434		0.201 566	9.927 675		843	
158	9.726 120	12	9.798 451	17	0.201 549	9.927 670	5	842	
159	9.726 132	12	9.798 467	16	0.201 533	9.927 665	5	841	
		13		17			5		
.160	9.726 145		9.798 484		0.201 516	9.927 660		**.840**	
		12		17			4		
161	9.726 157		9.798 501		0.201 499	9.927 656		839	
162	9.726 169	12	9.798 518	17	0.201 482	9.927 651	5	838	
163	9.726 181	12	9.798 535	17	0.201 465	9.927 646	5	837	
		12		17			5		
164	9.726 193		9.798 552		0.201 448	9.927 641		836	
165	9.726 205	12	9.798 568	16	0.201 432	9.927 636	5	835	
166	9.726 217	12	9.798 585	17	0.201 415	9.927 632	4	834	
		12		17			5		
167	9.726 229		9.798 602		0.201 398	9.927 627		833	
168	9.726 241	12	9.798 619	17	0.201 381	9.927 622	5	832	
169	9.726 253	12	9.798 636	17	0.201 364	9.927 617	5	831	
		12		16			4		
.170	9.726 265		9.798 652		0.201 348	9.927 613		**.830**	
		12		17			5		
171	9.726 277		9.798 669		0.201 331	9.927 608		829	
172	9.726 289	12	9.798 686	17	0.201 314	9.927 603	5	828	
173	9.726 301	12	9.798 703	17	0.201 297	9.927 598	5	827	
		12		17			4		
174	9.726 313		9.798 720		0.201 280	9.927 594		826	
175	9.726 325	12	9.798 737	17	0.201 263	9.927 589	5	825	
176	9.726 337	12	9.798 753	16	0.201 247	9.927 584	5	824	
		12		17			5		
177	9.726 349		9.798 770		0.201 230	9.927 579		823	
178	9.726 361	12	9.798 787	17	0.201 213	9.927 574	5	822	
179	9.726 374	13	9.798 804	17	0.201 196	9.927 570	4	821	
		12		17			5		
.180	9.726 386		9.798 821		0.201 179	9.927 565		**.820**	
		12		16			5		
181	9.726 398		9.798 837		0.201 163	9.927 560		819	
182	9.726 410	12	9.798 854	17	0.201 146	9.927 555	5	818	
183	9.726 422	12	9.798 871	17	0.201 129	9.927 551	4	817	
		12		17			5		
184	9.726 434		9.798 888		0.201 112	9.927 546		816	
185	9.726 446	12	9.798 905	17	0.201 095	9.927 541	5	815	
186	9.726 458	12	9.798 922	17	0.201 078	9.927 536	5	814	
		12		16			4		
187	9.726 470		9.798 938		0.201 062	9.927 532		813	
188	9.726 482	12	9.798 955	17	0.201 045	9.927 527	5	812	
189	9.726 494	12	9.798 972	17	0.201 028	9.927 522	5	811	
		12		17			5		
.190	9.726 506		9.798 989		0.201 011	9.927 517		**.810**	
		12		17			5		
191	9.726 518		9.799 006		0.200 994	9.927 512		809	
192	9.726 530	12	9.799 022	16	0.200 978	9.927 508	4	808	
193	9.726 542	12	9.799 039	17	0.200 961	9.927 503	5	807	
		12		17			5		
194	9.726 554		9.799 056		0.200 944	9.927 498		806	
195	9.726 566	12	9.799 073	17	0.200 927	9.927 493	5	805	
196	9.726 578	12	9.799 090	17	0.200 910	9.927 489	4	804	
		12		16			5		
197	9.726 590		9.799 106		0.200 894	9.927 484		803	
198	9.726 602	12	9.799 123	17	0.200 877	9.927 479	5	802	
199	9.726 614	12	9.799 140	17	0.200 860	9.927 474	5	801	
		12		17			4		
.200	9.726 626		9.799 157		0.200 843	9.927 470		**.800**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

57°.850 — 57°.800

32°.200 — 32°.250

32°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.726 626		9.799 157		0.200 843	9.927 470		.800	
		12		17			5		
201	9.726 638		9.799 174		0.200 826	9.927 465		799	
		12		16			5		
202	9.726 650		9.799 190		0.200 810	9.927 460		798	
		12		17			5		
203	9.726 662		9.799 207		0.200 793	9.927 455		797	
		13		17			5		
204	9.726 675		9.799 224		0.200 776	9.927 450		796	
		12		17			4		
205	9.726 687		9.799 241		0.200 759	9.927 446		795	
		12		17			5		
206	9.726 699		9.799 258		0.200 742	9.927 441		794	
		12		17			5		
207	9.726 711		9.799 275		0.200 725	9.927 436		793	
		12		16			5		
208	9.726 723		9.799 291		0.200 709	9.927 431		792	
		12		17			4		
209	9.726 735		9.799 308		0.200 692	9.927 427		791	
		12		17			5		
.210	9.726 747		9.799 325		0.200 675	9.927 422		.790	
		12		17			5		
211	9.726 759		9.799 342		0.200 658	9.927 417		789	
		12		17			5		
212	9.726 771		9.799 359		0.200 641	9.927 412		788	
		12		16			5		
213	9.726 783		9.799 375		0.200 625	9.927 407		787	
		12		17			4		
214	9.726 795		9.799 392		0.200 608	9.927 403		786	
		12		17			5		
215	9.726 807		9.799 409		0.200 591	9.927 398		785	
		12		17			5		
216	9.726 819		9.799 426		0.200 574	9.927 393		784	
		12		17			5		
217	9.726 831		9.799 443		0.200 557	9.927 388		783	
		12		16			4		
218	9.726 843		9.799 459		0.200 541	9.927 384		782	
		12		17			5		
219	9.726 855		9.799 476		0.200 524	9.927 379		781	
		12		17			5		
.220	9.726 867		9.799 493		0.200 507	9.927 374		.780	
		12		17			5		
221	9.726 879		9.799 510		0.200 490	9.927 369		779	
		12		17			5		
222	9.726 891		9.799 527		0.200 473	9.927 364		778	
		12		16			4		
223	9.726 903		9.799 543		0.200 457	9.927 360		777	
		12		17			5		
224	9.726 915		9.799 560		0.200 440	9.927 355		776	
		12		17			5		
225	9.726 927		9.799 577		0.200 423	9.927 350		775	
		12		17			5		
226	9.726 939		9.799 594		0.200 406	9.927 345		774	
		12		17			4		
227	9.726 951		9.799 611		0.200 389	9.927 341		773	
		12		16			5		
228	9.726 963		9.799 627		0.200 373	9.927 336		772	
		12		17			5		
229	9.726 975		9.799 644		0.200 356	9.927 331		771	
		12		17			5		
.230	9.726 987		9.799 661		0.200 339	9.927 326		.770	
		12		17			5		
231	9.726 999		9.799 678		0.200 322	9.927 321		769	
		12		17			4		
232	9.727 011		9.799 695		0.200 305	9.927 317		768	
		12		16			5		
233	9.727 023		9.799 711		0.200 289	9.927 312		767	
		12		17			5		
234	9.727 035		9.799 728		0.200 272	9.927 307		766	
		12		17			5		
235	9.727 047		9.799 745		0.200 255	9.927 302		765	
		12		17			4		
236	9.727 059		9.799 762		0.200 238	9.927 298		764	
		12		17			5		
237	9.727 071		9.799 779		0.200 221	9.927 293		763	
		12		16			5		
238	9.727 083		9.799 795		0.200 205	9.927 288		762	
		12		17			5		
239	9.727 095		9.799 812		0.200 188	9.927 283		761	
		12		17			5		
.240	9.727 107		9.799 829		0.200 171	9.927 278		.760	
		12		17			4		
241	9.727 119		9.799 846		0.200 154	9.927 274		759	
		13		17			5		
242	9.727 132		9.799 863		0.200 137	9.927 269		758	
		12		16			5		
243	9.727 144		9.799 879		0.200 121	9.927 264		757	
		12		17			5		
244	9.727 156		9.799 896		0.200 104	9.927 259		756	
		12		17			4		
245	9.727 168		9.799 913		0.200 087	9.927 255		755	
		12		17			5		
246	9.727 180		9.799 930		0.200 070	9.927 250		754	
		12		17			5		
247	9.727 192		9.799 947		0.200 053	9.927 245		753	
		12		16			5		
248	9.727 204		9.799 963		0.200 037	9.927 240		752	
		12		17			5		
249	9.727 216		9.799 980		0.200 020	9.927 235		751	
		12		17			4		
.250	9.727 228		9.799 997		0.200 003	9.927 231		.750	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

57°.800 — 57°.750

32°.250 — 32°.300

32°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.727 228		9.799 997		0.200 003	9.927 231		**.750**	
		12		17			5		
251	9.727 240		9.800 014		0.199 986	9.927 226		749	
252	9.727 252	12	9.800 031	17	0.199 969	9.927 221	5	748	
253	9.727 264	12	9.800 047	16	0.199 953	9.927 216	5	747	
		12		17			5		
254	9.727 276		9.800 064		0.199 936	9.927 211		746	
255	9.727 288	12	9.800 081	17	0.199 919	9.927 207	4	745	
256	9.727 300	12	9.800 098	17	0.199 902	9.927 202	5	744	
		12		17			5		
257	9.727 312		9.800 115		0.199 885	9.927 197		743	
258	9.727 324	12	9.800 131	16	0.199 869	9.927 192	5	742	
259	9.727 336	12	9.800 148	17	0.199 852	9.927 188	4	741	
		12		17			5		
.260	9.727 348		9.800 165		0.199 835	9.927 183		**.740**	
		12		17			5		
261	9.727 360		9.800 182		0.199 818	9.927 178		739	
262	9.727 372	12	9.800 199	17	0.199 801	9.927 173	5	738	
263	9.727 384	12	9.800 215	16	0.199 785	9.927 168	5	737	
		12		17			4		
264	9.727 396		9.800 232		0.199 768	9.927 164		736	
265	9.727 408	12	9.800 249	17	0.199 751	9.927 159	5	735	
266	9.727 420	12	9.800 266	17	0.199 734	9.927 154	5	734	
		12		17			5		
267	9.727 432		9.800 283		0.199 717	9.927 149		733	
268	9.727 444	12	9.800 299	16	0.199 701	9.927 145	4	732	
269	9.727 456	12	9.800 316	17	0.199 684	9.927 140	5	731	
		12		17			5		
.270	9.727 468		9.800 333		0.199 667	9.927 135		**.730**	
		12		17			5		
271	9.727 480		9.800 350		0.199 650	9.927 130		729	
272	9.727 492	12	9.800 366	16	0.199 634	9.927 125	5	728	
273	9.727 504	12	9.800 383	17	0.199 617	9.927 121	4	727	
		12		17			5		
274	9.727 516		9.800 400		0.199 600	9.927 116		726	
275	9.727 528	12	9.800 417	17	0.199 583	9.927 111	5	725	
276	9.727 540	12	9.800 434	17	0.199 566	9.927 106	5	724	
		12		16			5		
277	9.727 552		9.800 450		0.199 550	9.927 101		723	
278	9.727 564	12	9.800 467	17	0.199 533	9.927 097	4	722	
279	9.727 576	12	9.800 484	17	0.199 516	9.927 092	5	721	
		12		17			5		
.280	9.727 588		9.800 501		0.199 499	9.927 087		**.720**	
		12		17			5		
281	9.727 600		9.800 518		0.199 482	9.927 082		719	
282	9.727 612	12	9.800 534	16	0.199 466	9.927 077	5	718	
283	9.727 624	12	9.800 551	17	0.199 449	9.927 073	4	717	
		12		17			5		
284	9.727 636		9.800 568		0.199 432	9.927 068		716	
285	9.727 648	12	9.800 585	17	0.199 415	9.927 063	5	715	
286	9.727 660	12	9.800 601	16	0.199 399	9.927 058	5	714	
		12		17			4		
287	9.727 672		9.800 618		0.199 382	9.927 054		713	
288	9.727 684	12	9.800 635	17	0.199 365	9.927 049	5	712	
289	9.727 696	12	9.800 652	17	0.199 348	9.927 044	5	711	
		12		17			5		
.290	9.727 708		9.800 669		0.199 331	9.927 039		**.710**	
		12		16			5		
291	9.727 720		9.800 685		0.199 315	9.927 034		709	
292	9.727 732	12	9.800 702	17	0.199 298	9.927 030	4	708	
293	9.727 744	12	9.800 719	17	0.199 281	9.927 025	5	707	
		12		17			5		
294	9.727 756		9.800 736		0.199 264	9.927 020		706	
295	9.727 768	12	9.800 753	17	0.199 247	9.927 015	5	705	
296	9.727 780	12	9.800 769	16	0.199 231	9.927 010	5	704	
		12		17			4		
297	9.727 792		9.800 786		0.199 214	9.927 006		703	
298	9.727 804	12	9.800 803	17	0.199 197	9.927 001	5	702	
299	9.727 816	12	9.800 820	17	0.199 180	9.926 996	5	701	
		12		16			5		
.300	9.727 828		9.800 836		0.199 164	9.926 991		**.700**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

57°.750 — 57°.700

32°.300 — 32°.350

32°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.727 828		9.800 836		0.199 164	9.926 991		.700	
		12		17			5		
301	9.727 840		9.800 853		0.199 147	9.926 986		699	
		12		17			4		
302	9.727 852		9.800 870		0.199 130	9.926 982		698	
		12		17			5		
303	9.727 864		9.800 887		0.199 113	9.926 977		697	
		12		17			5		
304	9.727 876		9.800 904		0.199 096	9.926 972		696	
		12		16			5		
305	9.727 888		9.800 920		0.199 080	9.926 967		695	
		12		17			4		
306	9.727 900		9.800 937		0.199 063	9.926 963		694	
		12		17			5		
307	9.727 912		9.800 954		0.199 046	9.926 958		693	
		12		17			5		
308	9.727 924		9.800 971		0.199 029	9.926 953		692	
		12		16			5		
309	9.727 936		9.800 987		0.199 013	9.926 948		691	
		12		17			5		
.310	9.727 948		9.801 004		0.198 996	9.926 943		.690	
		12		17			4		
311	9.727 960		9.801 021		0.198 979	9.926 939		689	
		12		17			5		
312	9.727 972		9.801 038		0.198 962	9.926 934		688	
		12		17			5		
313	9.727 984		9.801 055		0.198 945	9.926 929		687	
		12		16			5		
314	9.727 996		9.801 071		0.198 929	9.926 924		686	
		12		17			5		
315	9.728 008		9.801 088		0.198 912	9.926 919		685	
		12		17			4		
316	9.728 020		9.801 105		0.198 895	9.926 915		684	
		11		17			5		
317	9.728 031		9.801 122		0.198 878	9.926 910		683	
		12		16			5		
318	9.728 043		9.801 138		0.198 862	9.926 905		682	
		12		17			5		
319	9.728 055		9.801 155		0.198 845	9.926 900		681	
		12		17			5		
.320	9.728 067		9.801 172		0.198 828	9.926 895		.680	
		12		17			4		
321	9.728 079		9.801 189		0.198 811	9.926 891		679	
		12		17			5		
322	9.728 091		9.801 206		0.198 794	9.926 886		678	
		12		16			5		
323	9.728 103		9.801 222		0.198 778	9.926 881		677	
		12		17			5		
324	9.728 115		9.801 239		0.198 761	9.926 876		676	
		12		17			5		
325	9.728 127		9.801 256		0.198 744	9.926 871		675	
		12		17			4		
326	9.728 139		9.801 273		0.198 727	9.926 867		674	
		12		16			5		
327	9.728 151		9.801 289		0.198 711	9.926 862		673	
		12		17			5		
328	9.728 163		9.801 306		0.198 694	9.926 857		672	
		12		17			5		
329	9.728 175		9.801 323		0.198 677	9.926 852		671	
		12		17			5		
.330	9.728 187		9.801 340		0.198 660	9.926 847		.670	
		12		17			4		
331	9.728 199		9.801 357		0.198 643	9.926 843		669	
		12		16			5		
332	9.728 211		9.801 373		0.198 627	9.926 838		668	
		12		17			5		
333	9.728 223		9.801 390		0.198 610	9.926 833		667	
		12		17			5		
334	9.728 235		9.801 407		0.198 593	9.926 828		666	
		12		17			5		
335	9.728 247		9.801 424		0.198 576	9.926 823		665	
		12		16			4		
336	9.728 259		9.801 440		0.198 560	9.926 819		664	
		12		17			5		
337	9.728 271		9.801 457		0.198 543	9.926 814		663	
		12		17			5		
338	9.728 283		9.801 474		0.198 526	9.926 809		662	
		12		17			5		
339	9.728 295		9.801 491		0.198 509	9.926 804		661	
		12		17			5		
.340	9.728 307		9.801 508		0.198 492	9.926 799		.660	
		12		16			4		
341	9.728 319		9.801 524		0.198 476	9.926 795		659	
		12		17			5		
342	9.728 331		9.801 541		0.198 459	9.926 790		658	
		12		17			5		
343	9.728 343		9.801 558		0.198 442	9.926 785		657	
		12		17			5		
344	9.728 355		9.801 575		0.198 425	9.926 780		656	
		12		16			5		
345	9.728 367		9.801 591		0.198 409	9.926 775		655	
		12		17			4		
346	9.728 379		9.801 608		0.198 392	9.926 771		654	
		12		17			5		
347	9.728 391		9.801 625		0.198 375	9.926 766		653	
		12		17			5		
348	9.728 403		9.801 642		0.198 358	9.926 761		652	
		12		16			5		
349	9.728 415		9.801 658		0.198 342	9.926 756		651	
		12		17			5		
.350	9.728 427		9.801 675		0.198 325	9.926 751		.650	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.700 — 57°.650

32°.350 — 32°.400

32°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.728 427		9.801 675		0.198 325	9.926 751		.650	
		12		17			4		
351	9.728 439		9.801 692		0.198 308	9.926 747		649	
352	9.728 451	12	9.801 709	17	0.198 291	9.926 742	5	648	
353	9.728 463	12	9.801 726	17	0.198 274	9.926 737	5	647	
		12		16			5		
354	9.728 475		9.801 742		0.198 258	9.926 732		646	
355	9.728 486	11	9.801 759	17	0.198 241	9.926 727	5	645	
356	9.728 498	12	9.801 776	17	0.198 224	9.926 723	4	644	
		12		17			5		
357	9.728 510		9.801 793		0.198 207	9.926 718		643	
358	9.728 522	12	9.801 809	16	0.198 191	9.926 713	5	642	
359	9.728 534	12	9.801 826	17	0.198 174	9.926 708	5	641	
		12		17			5		
.360	9.728 546		9.801 843		0.198 157	9.926 703		.640	
		12		17			4		
361	9.728 558		9.801 860		0.198 140	9.926 699		639	
362	9.728 570	12	9.801 876	16	0.198 124	9.926 694	5	638	
363	9.728 582	12	9.801 893	17	0.198 107	9.926 689	5	637	
		12		17			5		
364	9.728 594		9.801 910		0.198 090	9.926 684		636	
365	9.728 606	12	9.801 927	17	0.198 073	9.926 679	5	635	
366	9.728 618	12	9.801 943	16	0.198 057	9.926 675	4	634	
		12		17			5		
367	9.728 630		9.801 960		0.198 040	9.926 670		633	
368	9.728 642	12	9.801 977	17	0.198 023	9.926 665	5	632	
369	9.728 654	12	9.801 994	17	0.198 006	9.926 660	5	631	
		12		17			5		
.370	9.728 666		9.802 011		0.197 989	9.926 655		.630	
		12		16			4		
371	9.728 678		9.802 027		0.197 973	9.926 651		629	
372	9.728 690	12	9.802 044	17	0.197 956	9.926 646	5	628	
373	9.728 702	12	9.802 061	17	0.197 939	9.926 641	5	627	
		12		17			5		
374	9.728 714		9.802 078		0.197 922	9.926 636		626	
375	9.728 726	12	9.802 094	16	0.197 906	9.926 631	5	625	
376	9.728 738	12	9.802 111	17	0.197 889	9.926 627	4	624	
		12		17			5		
377	9.728 750		9.802 128		0.197 872	9.926 622		623	
378	9.728 762	12	9.802 145	17	0.197 855	9.926 617	5	622	
379	9.728 774	12	9.802 161	16	0.197 839	9.926 612	5	621	
		11		17			5		
.380	9.728 785		9.802 178		0.197 822	9.926 607		.620	
		12		17			4		
381	9.728 797		9.802 195		0.197 805	9.926 603		619	
382	9.728 809	12	9.802 212	17	0.197 788	9.926 598	5	618	
383	9.728 821	12	9.802 228	16	0.197 772	9.926 593	5	617	
		12		17			5		
384	9.728 833		9.802 245		0.197 755	9.926 588		616	
385	9.728 845	12	9.802 262	17	0.197 738	9.926 583	5	615	
386	9.728 857	12	9.802 279	17	0.197 721	9.926 578	5	614	
		12		16			4		
387	9.728 869		9.802 295		0.197 705	9.926 574		613	
388	9.728 881	12	9.802 312	17	0.197 688	9.926 569	5	612	
389	9.728 893	12	9.802 329	17	0.197 671	9.926 564	5	611	
		12		17			5		
.390	9.728 905		9.802 346		0.197 654	9.926 559		.610	
		12		16			5		
391	9.728 917		9.802 362		0.197 638	9.926 554		609	
392	9.728 929	12	9.802 379	17	0.197 621	9.926 550	4	608	
393	9.728 941	12	9.802 396	17	0.197 604	9.926 545	5	607	
		12		17			5		
394	9.728 953		9.802 413		0.197 587	9.926 540		606	
395	9.728 965	12	9.802 429	16	0.197 571	9.926 535	5	605	
396	9.728 977	12	9.802 446	17	0.197 554	9.926 530	5	604	
		12		17			4		
397	9.728 989		9.802 463		0.197 537	9.926 526		603	
398	9.729 001	12	9.802 480	17	0.197 520	9.926 521	5	602	
399	9.729 012	11	9.802 497	17	0.197 503	9.926 516	5	601	
		12		16			5		
.400	9.729 024		9.802 513		0.197 487	9.926 511		.600	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.650 — 57°.600

32°.400 — 32°.450

32°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.729 024		9.802 513		0.197 487	9.926 511		.600	
		12		17			5		
401	9.729 036		9.802 530		0.197 470	9.926 506		599	
402	9.729 048	12	9.802 547	17	0.197 453	9.926 502	4	598	
403	9.729 060	12	9.802 564	17	0.197 436	9.926 497	5	597	
		12		16			5		
404	9.729 072		9.802 580		0.197 420	9.926 492		596	
405	9.729 084	12	9.802 597	17	0.197 403	9.926 487	5	595	
406	9.729 096	12	9.802 614	17	0.197 386	9.926 482	5	594	
		12		17			5		
407	9.729 108		9.802 631		0.197 369	9.926 477		593	
408	9.729 120	12	9.802 647	16	0.197 353	9.926 473	4	592	
409	9.729 132	12	9.802 664	17	0.197 336	9.926 468	5	591	
		12		17			5		
.410	9.729 144		9.802 681		0.197 319	9.926 463		.590	
		12		17			5		
411	9.729 156		9.802 698		0.197 302	9.926 458		589	
412	9.729 168	12	9.802 714	16	0.197 286	9.926 453	5	588	
413	9.729 180	12	9.802 731	17	0.197 269	9.926 449	4	587	
		12		17			5		
414	9.729 192		9.802 748		0.197 252	9.926 444		586	
415	9.729 204	12	9.802 765	17	0.197 235	9.926 439	5	585	
416	9.729 215	11	9.802 781	16	0.197 219	9.926 434	5	584	
		12		17			5		
417	9.729 227		9.802 798		0.197 202	9.926 429		583	
418	9.729 239	12	9.802 815	17	0.197 185	9.926 425	4	582	
419	9.729 251	12	9.802 832	17	0.197 168	9.926 420	5	581	
		12		16			5		
.420	9.729 263		9.802 848		0.197 152	9.926 415		.580	
		12		17			5		
421	9.729 275		9.802 865		0.197 135	9.926 410		579	
422	9.729 287	12	9.802 882	17	0.197 118	9.926 405	5	578	
423	9.729 299	12	9.802 899	17	0.197 101	9.926 400	5	577	
		12		16			4		
424	9.729 311		9.802 915		0.197 085	9.926 396		576	
425	9.729 323	12	9.802 932	17	0.197 068	9.926 391	5	575	
426	9.729 335	12	9.802 949	17	0.197 051	9.926 386	5	574	
		12		17			5		
427	9.729 347		9.802 966		0.197 034	9.926 381		573	
428	9.729 359	12	9.802 982	16	0.197 018	9.926 376	5	572	
429	9.729 371	12	9.802 999	17	0.197 001	9.926 372	4	571	
		12		17			5		
.430	9.729 383		9.803 016		0.196 984	9.926 367		.570	
		11		17			5		
431	9.729 394		9.803 033		0.196 967	9.926 362		569	
432	9.729 406	12	9.803 049	16	0.196 951	9.926 357	5	568	
433	9.729 418	12	9.803 066	17	0.196 934	9.926 352	5	567	
		12		17			5		
434	9.729 430		9.803 083		0.196 917	9.926 347		566	
435	9.729 442	12	9.803 100	17	0.196 900	9.926 343	4	565	
436	9.729 454	12	9.803 116	16	0.196 884	9.926 338	5	564	
		12		17			5		
437	9.729 466		9.803 133		0.196 867	9.926 333		563	
438	9.729 478	12	9.803 150	17	0.196 850	9.926 328	5	562	
439	9.729 490	12	9.803 166	16	0.196 834	9.926 323	5	561	
		12		17			4		
.440	9.729 502		9.803 183		0.196 817	9.926 319		.560	
		12		17			5		
441	9.729 514		9.803 200		0.196 800	9.926 314		559	
442	9.729 526	12	9.803 217	17	0.196 783	9.926 309	5	558	
443	9.729 538	12	9.803 233	16	0.196 767	9.926 304	5	557	
		12		17			5		
444	9.729 550		9.803 250		0.196 750	9.926 299		556	
445	9.729 561	11	9.803 267	17	0.196 733	9.926 295	4	555	
446	9.729 573	12	9.803 284	17	0.196 716	9.926 290	5	554	
		12		16			5		
447	9.729 585		9.803 300		0.196 700	9.926 285		553	
448	9.729 597	12	9.803 317	17	0.196 683	9.926 280	5	552	
449	9.729 609	12	9.803 334	17	0.196 666	9.926 275	5	551	
		12		17			5		
.450	9.729 621		9.803 351		0.196 649	9.926 270		.550	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.600 — 57°.550

32°.450 — 32°.500

32°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.729 621		9.803 351		0.196 649	9.926 270		.550	
		12		16			4		
451	9.729 633		9.803 367		0.196 633	9.926 266		549	
452	9.729 645	12	9.803 384	17	0.196 616	9.926 261	5	548	
453	9.729 657	12	9.803 401	17	0.196 599	9.926 256	5	547	
		12		17			5		
454	9.729 669		9.803 418		0.196 582	9.926 251		546	
455	9.729 681	12	9.803 434	16	0.196 566	9.926 246	5	545	
456	9.729 693	12	9.803 451	17	0.196 549	9.926 241	5	544	
		11		17			4		
457	9.729 704		9.803 468		0.196 532	9.926 237		543	
458	9.729 716	12	9.803 485	17	0.196 515	9.926 232	5	542	
459	9.729 728	12	9.803 501	16	0.196 499	9.926 227	5	541	
		12		17			5		
.460	9.729 740		9.803 518		0.196 482	9.926 222		.540	
		12		17			5		
461	9.729 752		9.803 535		0.196 465	9.926 217		539	
462	9.729 764	12	9.803 552	17	0.196 448	9.926 213	4	538	
463	9.729 776	12	9.803 568	16	0.196 432	9.926 208	5	537	
		12		17			5		
464	9.729 788		9.803 585		0.196 415	9.926 203		536	
465	9.729 800	12	9.803 602	17	0.196 398	9.926 198	5	535	
466	9.729 812	12	9.803 618	16	0.196 382	9.926 193	5	534	
		12		17			5		
467	9.729 824		9.803 635		0.196 365	9.926 188		533	
468	9.729 836	12	9.803 652	17	0.196 348	9.926 184	4	532	
469	9.729 847	11	9.803 669	17	0.196 331	9.926 179	5	531	
		12		16			5		
.470	9.729 859		9.803 685		0.196 315	9.926 174		.530	
		12		17			5		
471	9.729 871		9.803 702		0.196 298	9.926 169		529	
472	9.729 883	12	9.803 719	17	0.196 281	9.926 164	5	528	
473	9.729 895	12	9.803 736	17	0.196 264	9.926 160	4	527	
		12		16			5		
474	9.729 907		9.803 752		0.196 248	9.926 155		526	
475	9.729 919	12	9.803 769	17	0.196 231	9.926 150	5	525	
476	9.729 931	12	9.803 786	17	0.196 214	9.926 145	5	524	
		12		17			5		
477	9.729 943		9.803 803		0.196 197	9.926 140		523	
478	9.729 955	12	9.803 819	16	0.196 181	9.926 135	5	522	
479	9.729 967	12	9.803 836	17	0.196 164	9.926 131	4	521	
		11		17			5		
.480	9.729 978		9.803 853		0.196 147	9.926 126		.520	
		12		16			5		
481	9.729 990		9.803 869		0.196 131	9.926 121		519	
482	9.730 002	12	9.803 886	17	0.196 114	9.926 116	5	518	
483	9.730 014	12	9.803 903	17	0.196 097	9.926 111	5	517	
		12		17			5		
484	9.730 026		9.803 920		0.196 080	9.926 106		516	
485	9.730 038	12	9.803 936	16	0.196 064	9.926 102	4	515	
486	9.730 050	12	9.803 953	17	0.196 047	9.926 097	5	514	
		12		17			5		
487	9.730 062		9.803 970		0.196 030	9.926 092		513	
488	9.730 074	12	9.803 987	17	0.196 013	9.926 087	5	512	
489	9.730 086	12	9.804 003	16	0.195 997	9.926 082	5	511	
		12		17			5		
.490	9.730 098		9.804 020		0.195 980	9.926 077		.510	
		11		17			4		
491	9.730 109		9.804 037		0.195 963	9.926 073		509	
492	9.730 121	12	9.804 054	17	0.195 946	9.926 068	5	508	
493	9.730 133	12	9.804 070	16	0.195 930	9.926 063	5	507	
		12		17			5		
494	9.730 145		9.804 087		0.195 913	9.926 058		506	
495	9.730 157	12	9.804 104	17	0.195 896	9.926 053	5	505	
496	9.730 169	12	9.804 120	16	0.195 880	9.926 049	4	504	
		12		17			5		
497	9.730 181		9.804 137		0.195 863	9.926 044		503	
498	9.730 193	12	9.804 154	17	0.195 846	9.926 039	5	502	
499	9.730 205	12	9.804 171	17	0.195 829	9.926 034	5	501	
		12		16			5		
.500	9.730 217		9.804 187		0.195 813	9.926 029		.500	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.550 — 57°.500

$32^\circ.500 - 32^\circ.550$

32°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.730 217		9.804 187		0.195 813	9.926 029		.500	
		11		17			5		
501	9.730 228		9.804 204		0.195 796	9.926 024		499	
502	9.730 240	12	9.804 221	17	0.195 779	9.926 020	4	498	
503	9.730 252	12	9.804 238	17	0.195 762	9.926 015	5	497	
		12		16			5		
504	9.730 264		9.804 254		0.195 746	9.926 010		496	
505	9.730 276	12	9.804 271	17	0.195 729	9.926 005	5	495	
506	9.730 288	12	9.804 288	17	0.195 712	9.926 000	5	494	
		12		16			5		
507	9.730 300		9.804 304		0.195 696	9.925 995		493	
508	9.730 312	12	9.804 321	17	0.195 679	9.925 991	4	492	
509	9.730 324	12	9.804 338	17	0.195 662	9.925 986	5	491	
		11		17			5		
.510	9.730 335		9.804 355		0.195 645	9.925 981		.490	
		12		16			5		
511	9.730 347		9.804 371		0.195 629	9.925 976		489	
512	9.730 359	12	9.804 388	17	0.195 612	9.925 971	5	488	
513	9.730 371	12	9.804 405	17	0.195 595	9.925 966	5	487	
		12		16			4		
514	9.730 383		9.804 421		0.195 579	9.925 962		486	
515	9.730 395	12	9.804 438	17	0.195 562	9.925 957	5	485	
516	9.730 407	12	9.804 455	17	0.195 545	9.925 952	5	484	
		12		17			5		
517	9.730 419		9.804 472		0.195 528	9.925 947		483	
518	9.730 431	12	9.804 488	16	0.195 512	9.925 942	5	482	
519	9.730 443	12	9.804 505	17	0.195 495	9.925 937	5	481	
		11		17			4		
.520	9.730 454		9.804 522		0.195 478	9.925 933		.480	
		12		17			5		
521	9.730 466		9.804 539		0.195 461	9.925 928		479	
522	9.730 478	12	9.804 555	16	0.195 445	9.925 923	5	478	
523	9.730 490	12	9.804 572	17	0.195 428	9.925 918	5	477	
		12		17			5		
524	9.730 502		9.804 589		0.195 411	9.925 913		476	
525	9.730 514	12	9.804 605	16	0.195 395	9.925 908	5	475	
526	9.730 526	12	9.804 622	17	0.195 378	9.925 904	4	474	
		12		17			5		
527	9.730 538		9.804 639		0.195 361	9.925 899		473	
528	9.730 549	11	9.804 656	17	0.195 344	9.925 894	5	472	
529	9.730 561	12	9.804 672	16	0.195 328	9.925 889	5	471	
		12		17			5		
.530	9.730 573		9.804 689		0.195 311	9.925 884		.470	
		12		17			5		
531	9.730 585		9.804 706		0.195 294	9.925 879		469	
532	9.730 597	12	9.804 722	16	0.195 278	9.925 875	4	468	
533	9.730 609	12	9.804 739	17	0.195 261	9.925 870	5	467	
		12		17			5		
534	9.730 621		9.804 756		0.195 244	9.925 865		466	
535	9.730 633	12	9.804 773	17	0.195 227	9.925 860	5	465	
536	9.730 645	12	9.804 789	16	0.195 211	9.925 855	5	464	
		11		17			5		
537	9.730 656		9.804 806		0.195 194	9.925 850		463	
538	9.730 668	12	9.804 823	17	0.195 177	9.925 846	4	462	
539	9.730 680	12	9.804 839	16	0.195 161	9.925 841	5	461	
		12		17			5		
.540	9.730 692		9.804 856		0.195 144	9.925 836		.460	
		12		17			5		
541	9.730 704		9.804 873		0.195 127	9.925 831		459	
542	9.730 716	12	9.804 890	17	0.195 110	9.925 826	5	458	
543	9.730 728	12	9.804 906	16	0.195 094	9.925 821	5	457	
		12		17			4		
544	9.730 740		9.804 923		0.195 077	9.925 817		456	
545	9.730 751	11	9.804 940	17	0.195 060	9.925 812	5	455	
546	9.730 763	12	9.804 956	16	0.195 044	9.925 807	5	454	
		12		17			5		
547	9.730 775		9.804 973		0.195 027	9.925 802		453	
548	9.730 787	12	9.804 990	17	0.195 010	9.925 797	5	452	
549	9.730 799	12	9.805 007	17	0.194 993	9.925 792	5	451	
		12		16			4		
.550	9.730 811		9.805 023		0.194 977	9.925 788		.450	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

$57^\circ.500 - 57^\circ.450$

32°.550 — 32°.600

32°	sin	d	tang	d	cotg	cos	d		P.P.
·550	9.730 811		9.805 023		0.194 977	9.925 788		**·450**	
		12		17			5		
551	9.730 823		9.805 040		0.194 960	9.925 783		449	
		12		17			5		
552	9.730 835		9.805 057		0.194 943	9.925 778		448	
		11		16			5		
553	9.730 846		9.805 073		0.194 927	9.925 773		447	
		12		17			5		
554	9.730 858		9.805 090		0.194 910	9.925 768		446	
		12		17			5		
555	9.730 870		9.805 107		0.194 893	9.925 763		445	
		12		17			5		
556	9.730 882		9.805 124		0.194 876	9.925 758		444	
		12		16			4		
557	9.730 894		9.805 140		0.194 860	9.925 754		443	
		12		17			5		
558	9.730 906		9.805 157		0.194 843	9.925 749		442	
		12		17			5		
559	9.730 918		9.805 174		0.194 826	9.925 744		441	
		12		16			5		
·560	9.730 930		9.805 190		0.194 810	9.925 739		**·440**	
		11		17			5		
561	9.730 941		9.805 207		0.194 793	9.925 734		439	
		12		17			5		
562	9.730 953		9.805 224		0.194 776	9.925 729		438	
		12		17			4		
563	9.730 965		9.805 241		0.194 759	9.925 725		437	
		12		16			5		
564	9.730 977		9.805 257		0.194 743	9.925 720		436	
		12		17			5		
565	9.730 989		9.805 274		0.194 726	9.925 715		435	
		12		17			5		
566	9.731 001		9.805 291		0.194 709	9.925 710		434	
		12		16			5		
567	9.731 013		9.805 307		0.194 693	9.925 705		433	
		12		17			5		
568	9.731 025		9.805 324		0.194 676	9.925 700		432	
		11		17			4		
569	9.731 036		9.805 341		0.194 659	9.925 696		431	
		12		17			5		
·570	9.731 048		9.805 358		0.194 642	9.925 691		**·430**	
		12		16			5		
571	9.731 060		9.805 374		0.194 626	9.925 686		429	
		12		17			5		
572	9.731 072		9.805 391		0.194 609	9.925 681		428	
		12		17			5		
573	9.731 084		9.805 408		0.194 592	9.925 676		427	
		12		16			5		
574	9.731 096		9.805 424		0.194 576	9.925 671		426	
		12		17			4		
575	9.731 108		9.805 441		0.194 559	9.925 667		425	
		11		17			5		
576	9.731 119		9.805 458		0.194 542	9.925 662		424	
		12		17			5		
577	9.731 131		9.805 475		0.194 525	9.925 657		423	
		12		16			5		
578	9.731 143		9.805 491		0.194 509	9.925 652		422	
		12		17			5		
579	9.731 155		9.805 508		0.194 492	9.925 647		421	
		12		17			5		
·580	9.731 167		9.805 525		0.194 475	9.925 642		**·420**	
		12		16			5		
581	9.731 179		9.805 541		0.194 459	9.925 637		419	
		12		17			4		
582	9.731 191		9.805 558		0.194 442	9.925 633		418	
		11		17			5		
583	9.731 202		9.805 575		0.194 425	9.925 628		417	
		12		16			5		
584	9.731 214		9.805 591		0.194 409	9.925 623		416	
		12		17			5		
585	9.731 226		9.805 608		0.194 392	9.925 618		415	
		12		17			5		
586	9.731 238		9.805 625		0.194 375	9.925 613		414	
		12		17			5		
587	9.731 250		9.805 642		0.194 358	9.925 608		413	
		12		16			4		
588	9.731 262		9.805 658		0.194 342	9.925 604		412	
		12		17			5		
589	9.731 274		9.805 675		0.194 325	9.925 599		411	
		11		17			5		
·590	9.731 285		9.805 692		0.194 308	9.925 594		**·410**	
		12		16			5		
591	9.731 297		9.805 708		0.194 292	9.925 589		409	
		12		17			5		
592	9.731 309		9.805 725		0.194 275	9.925 584		408	
		12		17			5		
593	9.731 321		9.805 742		0.194 258	9.925 579		407	
		12		16			5		
594	9.731 333		9.805 758		0.194 242	9.925 574		406	
		12		17			4		
595	9.731 345		9.805 775		0.194 225	9.925 570		405	
		12		17			5		
596	9.731 357		9.805 792		0.194 208	9.925 565		404	
		11		17			5		
597	9.731 368		9.805 809		0.194 191	9.925 560		403	
		12		16			5		
598	9.731 380		9.805 825		0.194 175	9.925 555		402	
		12		17			5		
599	9.731 392		9.805 842		0.194 158	9.925 550		401	
		12		17			5		
.600	9.731 404		9.805 859		0.194 141	9.925 545		**·400**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.450 — 57°.400

32°.600 — 32°.650

32°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.731 404		9.805 859		0.194 141	9.925 545		.400	
		12		16			4		
601	9.731 416		9.805 875		0.194 125	9.925 541		399	
602	9.731 428	12	9.805 892	17	0.194 108	9.925 536	5	398	
603	9.731 440	12	9.805 909	17	0.194 091	9.925 531	5	397	
		11		16			5		
604	9.731 451		9.805 925		0.194 075	9.925 526		396	
605	9.731 463	12	9.805 942	17	0.194 058	9.925 521	5	395	
606	9.731 475	12	9.805 959	17	0.194 041	9.925 516	5	394	
		12		17			5		
607	9.731 487		9.805 976		0.194 024	9.925 511		393	
608	9.731 499	12	9.805 992	16	0.194 008	9.925 507	4	392	
609	9.731 511	12	9.806 009	17	0.193 991	9.925 502	5	391	
		12		17			5		
.610	9.731 523		9.806 026		0.193 974	9.925 497		.390	
		11		16			5		
611	9.731 534		9.806 042		0.193 958	9.925 492		389	
612	9.731 546	12	9.806 059	17	0.193 941	9.925 487	5	388	
613	9.731 558	12	9.806 076	17	0.193 924	9.925 482	5	387	
		12		16			5		
614	9.731 570		9.806 092		0.193 908	9.925 477		386	
615	9.731 582	12	9.806 109	17	0.193 891	9.925 473	4	385	
616	9.731 594	12	9.806 126	17	0.193 874	9.925 468	5	384	
		11		17			5		
617	9.731 605		9.806 143		0.193 857	9.925 463		383	
618	9.731 617	12	9.806 159	16	0.193 841	9.925 458	5	382	
619	9.731 629	12	9.806 176	17	0.193 824	9.925 453	5	381	
		12		17			5		
.620	9.731 641		9.806 193		0.193 807	9.925 448		.380	
		12		16			4		
621	9.731 653		9.806 209		0.193 791	9.925 444		379	
622	9.731 665	12	9.806 226	17	0.193 774	9.925 439	5	378	
623	9.731 677	12	9.806 243	17	0.193 757	9.925 434	5	377	
		11		16			5		
624	9.731 688		9.806 259		0.193 741	9.925 429		376	
625	9.731 700	12	9.806 276	17	0.193 724	9.925 424	5	375	
626	9.731 712	12	9.806 293	17	0.193 707	9.925 419	5	374	
		12		16			5		
627	9.731 724		9.806 309		0.193 691	9.925 414		373	
628	9.731 736	12	9.806 326	17	0.193 674	9.925 410	4	372	
629	9.731 748	12	9.806 343	17	0.193 657	9.925 405	5	371	
		11		17			5		
.630	9.731 759		9.806 360		0.193 640	9.925 400		.370	
		12		16			5		
631	9.731 771		9.806 376		0.193 624	9.925 395		369	
632	9.731 783	12	9.806 393	17	0.193 607	9.925 390	5	368	
633	9.731 795	12	9.806 410	17	0.193 590	9.925 385	5	367	
		12		16			5		
634	9.731 807		9.806 426		0.193 574	9.925 380		366	
635	9.731 819	12	9.806 443	17	0.193 557	9.925 376	4	365	
636	9.731 830	11	9.806 460	17	0.193 540	9.925 371	5	364	
		12		16			5		
637	9.731 842		9.806 476		0.193 524	9.925 366		363	
638	9.731 854	12	9.806 493	17	0.193 507	9.925 361	5	362	
639	9.731 866	12	9.806 510	17	0.193 490	9.925 356	5	361	
		12		16			5		
.640	9.731 878		9.806 526		0.193 474	9.925 351		.360	
		12		17			5		
641	9.731 890		9.806 543		0.193 457	9.925 346		359	
642	9.731 901	11	9.806 560	17	0.193 440	9.925 342	4	358	
643	9.731 913	12	9.806 577	17	0.193 423	9.925 337	5	357	
		12		16			5		
644	9.731 925		9.806 593		0.193 407	9.925 332		356	
645	9.731 937	12	9.806 610	17	0.193 390	9.925 327	5	355	
646	9.731 949	12	9.806 627	17	0.193 373	9.925 322	5	354	
		12		16			5		
647	9.731 961		9.806 643		0.193 357	9.925 317		353	
648	9.731 972	11	9.806 660	17	0.193 340	9.925 312	5	352	
649	9.731 984	12	9.806 677	17	0.193 323	9.925 308	4	351	
		12		16			5		
.650	9.731 996		9.806 693		0.193 307	9.925 303		.350	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.400 — 57°.350

32°.650 — 32°.700

32°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.731 996		9.806 693		0.193 307	9.925 303		**.350**	
		12		17			5		
651	9.732 008		9.806 710		0.193 290	9.925 298		349	
652	9.732 020	12	9.806 727	17	0.193 273	9.925 293	5	348	
653	9.732 032	12	9.806 743	16	0.193 257	9.925 288	5	347	
		11		17			5		
654	9.732 043		9.806 760		0.193 240	9.925 283		346	
655	9.732 055	12	9.806 777	17	0.193 223	9.925 278	5	345	
656	9.732 067	12	9.806 793	16	0.193 207	9.925 274	4	344	
		12		17			5		
657	9.732 079		9.806 810		0.193 190	9.925 269		343	
658	9.732 091	12	9.806 827	17	0.193 173	9.925 264	5	342	
659	9.732 103	12	9.806 843	16	0.193 157	9.925 259	5	341	
		11		17			5		
.660	9.732 114		9.806 860		0.193 140	9.925 254		**.340**	
		12		17			5		
661	9.732 126		9.806 877		0.193 123	9.925 249		339	
662	9.732 138	12	9.806 894	17	0.193 106	9.925 244	5	338	
663	9.732 150	12	9.806 910	16	0.193 090	9.925 240	4	337	
		12		17			5		
664	9.732 162		9.806 927		0.193 073	9.925 235		336	
665	9.732 173	11	9.806 944	17	0.193 056	9.925 230	5	335	
666	9.732 185	12	9.806 960	16	0.193 040	9.925 225	5	334	
		12		17			5		
667	9.732 197		9.806 977		0.193 023	9.925 220		333	
668	9.732 209	12	9.806 994	17	0.193 006	9.925 215	5	332	
669	9.732 221	12	9.807 010	16	0.192 990	9.925 210	5	331	
		12		17			4		
.670	9.732 233		9.807 027		0.192 973	9.925 206		**.330**	
		11		17			5		
671	9.732 244		9.807 044		0.192 956	9.925 201		329	
672	9.732 256	12	9.807 060	16	0.192 940	9.925 196	5	328	
673	9.732 268	12	9.807 077	17	0.192 923	9.925 191	5	327	
		12		17			5		
674	9.732 280		9.807 094		0.192 906	9.925 186		326	
675	9.732 292	12	9.807 110	16	0.192 890	9.925 181	5	325	
676	9.732 303	11	9.807 127	17	0.192 873	9.925 176	5	324	
		12		17			4		
677	9.732 315		9.807 144		0.192 856	9.925 172		323	
678	9.732 327	12	9.807 160	16	0.192 840	9.925 167	5	322	
679	9.732 339	12	9.807 177	17	0.192 823	9.925 162	5	321	
		12		17			5		
.680	9.732 351		9.807 194		0.192 806	9.925 157		**.320**	
		12		16			5		
681	9.732 363		9.807 210		0.192 790	9.925 152		319	
682	9.732 374	11	9.807 227	17	0.192 773	9.925 147	5	318	
683	9.732 386	12	9.807 244	17	0.192 756	9.925 142	5	317	
		12		17			4		
684	9.732 398		9.807 261		0.192 739	9.925 138		316	
685	9.732 410	12	9.807 277	16	0.192 723	9.925 133	5	315	
686	9.732 422	12	9.807 294	17	0.192 706	9.925 128	5	314	
		11		17			5		
687	9.732 433		9.807 311		0.192 689	9.925 123		313	
688	9.732 445	12	9.807 327	16	0.192 673	9.925 118	5	312	
689	9.732 457	12	9.807 344	17	0.192 656	9.925 113	5	311	
		12		17			5		
.690	9.732 469		9.807 361		0.192 639	9.925 108		**.310**	
		12		16			5		
691	9.732 481		9.807 377		0.192 623	9.925 103		309	
692	9.732 493	12	9.807 394	17	0.192 606	9.925 099	4	308	
693	9.732 504	11	9.807 411	17	0.192 589	9.925 094	5	307	
		12		16			5		
694	9.732 516		9.807 427		0.192 573	9.925 089		306	
695	9.732 528	12	9.807 444	17	0.192 556	9.925 084	5	305	
696	9.732 540	12	9.807 461	17	0.192 539	9.925 079	5	304	
		12		16			5		
697	9.732 552		9.807 477		0.192 523	9.925 074		303	
698	9.732 563	11	9.807 494	17	0.192 506	9.925 069	5	302	
699	9.732 575	12	9.807 511	17	0.192 489	9.925 065	4	301	
		12		16			5		
.700	9.732 587		9.807 527		0.192 473	9.925 060		**.300**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.350 — 57°.300

32°.700 — 32°.750

32°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.732 587	12	9.807 527	17	0.192 473	9.925 060	5	.300	
701	9.732 599	12	9.807 544	17	0.192 456	9.925 055	5	299	
702	9.732 611	11	9.807 561	16	0.192 439	9.925 050	5	298	
703	9.732 622	12	9.807 577	17	0.192 423	9.925 045	5	297	
704	9.732 634	12	9.807 594	17	0.192 406	9.925 040	5	296	
705	9.732 646	12	9.807 611	16	0.192 389	9.925 035	5	295	
706	9.732 658	12	9.807 627	17	0.192 373	9.925 030	4	294	
707	9.732 670	11	9.807 644	17	0.192 356	9.925 026	5	293	
708	9.732 681	12	9.807 661	16	0.192 339	9.925 021	5	292	
709	9.732 693	12	9.807 677	17	0.192 323	9.925 016	5	291	
.710	9.732 705	12	9.807 694	17	0.192 306	9.925 011	5	.290	
711	9.732 717	12	9.807 711	16	0.192 289	9.925 006	5	289	
712	9.732 729	11	9.807 727	17	0.192 273	9.925 001	5	288	
713	9.732 740	12	9.807 744	17	0.192 256	9.924 996	4	287	
714	9.732 752	12	9.807 761	16	0.192 239	9.924 992	5	286	
715	9.732 764	12	9.807 777	17	0.192 223	9.924 987	5	285	
716	9.732 776	12	9.807 794	17	0.192 206	9.924 982	5	284	
717	9.732 788	11	9.807 811	16	0.192 189	9.924 977	5	283	
718	9.732 799	12	9.807 827	17	0.192 173	9.924 972	5	282	
719	9.732 811	12	9.807 844	17	0.192 156	9.924 967	5	281	
.720	9.732 823	12	9.807 861	16	0.192 139	9.924 962	5	.280	
721	9.732 835	12	9.807 877	17	0.192 123	9.924 957	4	279	
722	9.732 847	12	9.807 894	17	0.192 106	9.924 953	5	278	
723	9.732 858	11	9.807 911	16	0.192 089	9.924 948	5	277	
724	9.732 870	12	9.807 927	17	0.192 073	9.924 943	5	276	
725	9.732 882	12	9.807 944	17	0.192 056	9.924 938	5	275	
726	9.732 894	12	9.807 961	17	0.192 039	9.924 933	5	274	
727	9.732 906	12	9.807 977	16	0.192 023	9.924 928	5	273	
728	9.732 917	11	9.807 994	17	0.192 006	9.924 923	5	272	
729	9.732 929	12	9.808 011	17	0.191 989	9.924 918	5	271	
.730	9.732 941	12	9.808 027	16	0.191 973	9.924 914	4	.270	
731	9.732 953	12	9.808 044	17	0.191 956	9.924 909	5	269	
732	9.732 965	12	9.808 061	17	0.191 939	9.924 904	5	268	
733	9.732 976	11	9.808 077	16	0.191 923	9.924 899	5	267	
734	9.732 988	12	9.808 094	17	0.191 906	9.924 894	5	266	
735	9.733 000	12	9.808 111	17	0.191 889	9.924 889	5	265	
736	9.733 012	12	9.808 127	16	0.191 873	9.924 884	5	264	
737	9.733 024	12	9.808 144	17	0.191 856	9.924 880	4	263	
738	9.733 035	11	9.808 161	17	0.191 839	9.924 875	5	262	
739	9.733 047	12	9.808 177	16	0.191 823	9.924 870	5	261	
.740	9.733 059	12	9.808 194	17	0.191 806	9.924 865	5	.260	
741	9.733 071	11	9.808 211	17	0.191 789	9.924 860	5	259	
742	9.733 082	12	9.808 227	16	0.191 773	9.924 855	5	258	
743	9.733 094	12	9.808 244	17	0.191 756	9.924 850	5	257	
744	9.733 106	12	9.808 261	17	0.191 739	9.924 845	5	256	
745	9.733 118	12	9.808 277	16	0.191 723	9.924 841	4	255	
746	9.733 130	12	9.808 294	17	0.191 706	9.924 836	5	254	
747	9.733 141	11	9.808 311	17	0.191 689	9.924 831	5	253	
748	9.733 153	12	9.808 327	16	0.191 673	9.924 826	5	252	
749	9.733 165	12	9.808 344	17	0.191 656	9.924 821	5	251	
.750	9.733 177	12	9.808 361	17	0.191 639	9.924 816	5	.250	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.300 — 57°.250

32°.750 — 32°.800

32°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.733 177		9.808 361		0.191 639	9.924 816		**.250**	
		12		16			5		
751	9.733 189		9.808 377		0.191 623	9.924 811		249	
		11		17			5		
752	9.733 200		9.808 394		0.191 606	9.924 806		248	
		12		17			4		
753	9.733 212		9.808 411		0.191 589	9.924 802		247	
		12		16			5		
754	9.733 224		9.808 427		0.191 573	9.924 797		246	
		12		17			5		
755	9.733 236		9.808 444		0.191 556	9.924 792		245	
		11		17			5		
756	9.733 247		9.808 461		0.191 539	9.924 787		244	
		12		16			5		
757	9.733 259		9.808 477		0.191 523	9.924 782		243	
		12		17			5		
758	9.733 271		9.808 494		0.191 506	9.924 777		242	
		12		17			5		
759	9.733 283		9.808 511		0.191 489	9.924 772		241	
		12		16			5		
.760	9.733 295		9.808 527		0.191 473	9.924 767		**.240**	
		11		17			5		
761	9.733 306		9.808 544		0.191 456	9.924 762		239	
		12		17			4		
762	9.733 318		9.808 561		0.191 439	9.924 758		238	
		12		16			5		
763	9.733 330		9.808 577		0.191 423	9.924 753		237	
		12		17			5		
764	9.733 342		9.808 594		0.191 406	9.924 748		236	
		11		16			5		
765	9.733 353		9.808 610		0.191 390	9.924 743		235	
		12		17			5		
766	9.733 365		9.808 627		0.191 373	9.924 738		234	
		12		17			5		
767	9.733 377		9.808 644		0.191 356	9.924 733		233	
		12		16			5		
768	9.733 389		9.808 660		0.191 340	9.924 728		232	
		12		17			5		
769	9.733 401		9.808 677		0.191 323	9.924 723		231	
		11		17			4		
.770	9.733 412		9.808 694		0.191 306	9.924 719		**.230**	
		12		16			5		
771	9.733 424		9.808 710		0.191 290	9.924 714		229	
		12		17			5		
772	9.733 436		9.808 727		0.191 273	9.924 709		228	
		12		17			5		
773	9.733 448		9.808 744		0.191 256	9.924 704		227	
		11		16			5		
774	9.733 459		9.808 760		0.191 240	9.924 699		226	
		12		17			5		
775	9.733 471		9.808 777		0.191 223	9.924 694		225	
		12		17			5		
776	9.733 483		9.808 794		0.191 206	9.924 689		224	
		12		16			5		
777	9.733 495		9.808 810		0.191 190	9.924 684		223	
		12		17			4		
778	9.733 507		9.808 827		0.191 173	9.924 680		222	
		11		17			5		
779	9.733 518		9.808 844		0.191 156	9.924 675		221	
		12		16			5		
.780	9.733 530		9.808 860		0.191 140	9.924 670		**.220**	
		12		17			5		
781	9.733 542		9.808 877		0.191 123	9.924 665		219	
		12		17			5		
782	9.733 554		9.808 894		0.191 106	9.924 660		218	
		11		16			5		
783	9.733 565		9.808 910		0.191 090	9.924 655		217	
		12		17			5		
784	9.733 577		9.808 927		0.191 073	9.924 650		216	
		12		17			5		
785	9.733 589		9.808 944		0.191 056	9.924 645		215	
		12		16			4		
786	9.733 601		9.808 960		0.191 040	9.924 641		214	
		11		17			5		
787	9.733 612		9.808 977		0.191 023	9.924 636		213	
		12		17			5		
788	9.733 624		9.808 994		0.191 006	9.924 631		212	
		12		16			5		
789	9.733 636		9.809 010		0.190 990	9.924 626		211	
		12		17			5		
.790	9.733 648		9.809 027		0.190 973	9.924 621		**.210**	
		12		16			5		
791	9.733 660		9.809 043		0.190 957	9.924 616		209	
		11		17			5		
792	9.733 671		9.809 060		0.190 940	9.924 611		208	
		12		17			5		
793	9.733 683		9.809 077		0.190 923	9.924 606		207	
		12		16			5		
794	9.733 695		9.809 093		0.190 907	9.924 601		206	
		12		17			4		
795	9.733 707		9.809 110		0.190 890	9.924 597		205	
		11		17			5		
796	9.733 718		9.809 127		0.190 873	9.924 592		204	
		12		16			5		
797	9.733 730		9.809 143		0.190 857	9.924 587		203	
		12		17			5		
798	9.733 742		9.809 160		0.190 840	9.924 582		202	
		12		17			5		
799	9.733 754		9.809 177		0.190 823	9.924 577		201	
		11		16			5		
.800	9.733 765		9.809 193		0.190 807	9.924 572		**.200**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.250 — 57°.200

32°.800 — 32°.850

32°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.733 765		9.809 193		0.190 807	9.924 572		**.200**	
		12		17			5		
801	9.733 777		9.809 210		0.190 790	9.924 567		199	
802	9.733 789	12	9.809 227	17	0.190 773	9.924 562	5	198	
803	9.733 801	12	9.809 243	16	0.190 757	9.924 557	5	197	
		11		17			4		
804	9.733 812		9.809 260		0.190 740	9.924 553		196	
805	9.733 824	12	9.809 277	17	0.190 723	9.924 548	5	195	
806	9.733 836	12	9.809 293	16	0.190 707	9.924 543	5	194	
		12		17			5		
807	9.733 848		9.809 310		0.190 690	9.924 538		193	
808	9.733 859	11	9.809 326	16	0.190 674	9.924 533	5	192	
809	9.733 871	12	9.809 343	17	0.190 657	9.924 528	5	191	
		12		17			5		
.810	9.733 883		9.809 360		0.190 640	9.924 523		**.190**	
		12		16			5		
811	9.733 895		9.809 376		0.190 624	9.924 518		189	
812	9.733 907	12	9.809 393	17	0.190 607	9.924 513	5	188	
813	9.733 918	11	9.809 410	17	0.190 590	9.924 509	4	187	
		12		16			5		
814	9.733 930		9.809 426		0.190 574	9.924 504		186	
815	9.733 942	12	9.809 443	17	0.190 557	9.924 499	5	185	
816	9.733 954	12	9.809 460	17	0.190 540	9.924 494	5	184	
		11		16			5		
817	9.733 965		9.809 476		0.190 524	9.924 489		183	
818	9.733 977	12	9.809 493	17	0.190 507	9.924 484	5	182	
819	9.733 989	12	9.809 510	17	0.190 490	9.924 479	5	181	
		12		16			5		
.820	9.734 001		9.809 526		0.190 474	9.924 474		**.180**	
		11		17			4		
821	9.734 012		9.809 543		0.190 457	9.924 470		179	
822	9.734 024	12	9.809 559	16	0.190 441	9.924 465	5	178	
823	9.734 036	12	9.809 576	17	0.190 424	9.924 460	5	177	
		12		17			5		
824	9.734 048		9.809 593		0.190 407	9.924 455		176	
825	9.734 059	11	9.809 609	16	0.190 391	9.924 450	5	175	
826	9.734 071	12	9.809 626	17	0.190 374	9.924 445	5	174	
		12		17			5		
827	9.734 083		9.809 643		0.190 357	9.924 440		173	
828	9.734 095	12	9.809 659	16	0.190 341	9.924 435	5	172	
829	9.734 106	11	9.809 676	17	0.190 324	9.924 430	5	171	
		12		17			4		
.830	9.734 118		9.809 693		0.190 307	9.924 426		**.170**	
		12		16			5		
831	9.734 130		9.809 709		0.190 291	9.924 421		169	
832	9.734 142	12	9.809 726	17	0.190 274	9.924 416	5	168	
833	9.734 153	11	9.809 742	16	0.190 258	9.924 411	5	167	
		12		17			5		
834	9.734 165		9.809 759		0.190 241	9.924 406		166	
835	9.734 177	12	9.809 776	17	0.190 224	9.924 401	5	165	
836	9.734 189	12	9.809 792	16	0.190 208	9.924 396	5	164	
		11		17			5		
837	9.734 200		9.809 809		0.190 191	9.924 391		163	
838	9.734 212	12	9.809 826	17	0.190 174	9.924 386	5	162	
839	9.734 224	12	9.809 842	16	0.190 158	9.924 381	5	161	
		12		17			4		
.840	9.734 236		9.809 859		0.190 141	9.924 377		**.160**	
		11		17			5		
841	9.734 247		9.809 876		0.190 124	9.924 372		159	
842	9.734 259	12	9.809 892	16	0.190 108	9.924 367	5	158	
843	9.734 271	12	9.809 909	17	0.190 091	9.924 362	5	157	
		11		16			5		
844	9.734 282		9.809 925		0.190 075	9.924 357		156	
845	9.734 294	12	9.809 942	17	0.190 058	9.924 352	5	155	
846	9.734 306	12	9.809 959	17	0.190 041	9.924 347	5	154	
		12		16			5		
847	9.734 318		9.809 975		0.190 025	9.924 342		153	
848	9.734 329	11	9.809 992	17	0.190 008	9.924 337	5	152	
849	9.734 341	12	9.810 009	17	0.189 991	9.924 333	4	151	
		12		16			5		
.850	9.734 353		9.810 025		0.189 975	9.924 328		**.150**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.200 — 57°.150

32°.850 — 32°.900

32°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.734 353		9.810 025		0.189 975	9.924 328		.150	
		12		17			5		
851	9.734 365		9.810 042		0.189 958	9.924 323		149	
852	9.734 376	11	9.810 059	17	0.189 941	9.924 318	5	148	
853	9.734 388	12	9.810 075	16	0.189 925	9.924 313	5	147	
		12		17			5		
854	9.734 400		9.810 092		0.189 908	9.924 308		146	
855	9.734 412	12	9.810 108	16	0.189 892	9.924 303	5	145	
856	9.734 423	11	9.810 125	17	0.189 875	9.924 298	5	144	
		12		17			5		
857	9.734 435		9.810 142		0.189 858	9.924 293		143	
858	9.734 447	12	9.810 158	16	0.189 842	9.924 288	5	142	
859	9.734 459	12	9.810 175	17	0.189 825	9.924 284	4	141	
		11		17			5		
.860	9.734 470		9.810 192		0.189 808	9.924 279		.140	
		12		16			5		
861	9.734 482		9.810 208		0.189 792	9.924 274		139	
862	9.734 494	12	9.810 225	17	0.189 775	9.924 269	5	138	
863	9.734 506	12	9.810 241	16	0.189 759	9.924 264	5	137	
		11		17			5		
864	9.734 517		9.810 258		0.189 742	9.924 259		136	
865	9.734 529	12	9.810 275	17	0.189 725	9.924 254	5	135	
866	9.734 541	12	9.810 291	16	0.189 709	9.924 249	5	134	
		11		17			5		
867	9.734 552		9.810 308		0.189 692	9.924 244		133	
868	9.734 564	12	9.810 325	17	0.189 675	9.924 240	4	132	
869	9.734 576	12	9.810 341	16	0.189 659	9.924 235	5	131	
		12		17			5		
.870	9.734 588		9.810 358		0.189 642	9.924 230		.130	
		11		17			5		
871	9.734 599		9.810 375		0.189 625	9.924 225		129	
872	9.734 611	12	9.810 391	16	0.189 609	9.924 220	5	128	
873	9.734 623	12	9.810 408	17	0.189 592	9.924 215	5	127	
		12		16			5		
874	9.734 635		9.810 424		0.189 576	9.924 210		126	
875	9.734 646	11	9.810 441	17	0.189 559	9.924 205	5	125	
876	9.734 658	12	9.810 458	17	0.189 542	9.924 200	5	124	
		12		16			5		
877	9.734 670		9.810 474		0.189 526	9.924 195		123	
878	9.734 681	11	9.810 491	17	0.189 509	9.924 191	4	122	
879	9.734 693	12	9.810 508	17	0.189 492	9.924 186	5	121	
		12		16			5		
.880	9.734 705		9.810 524		0.189 476	9.924 181		.120	
		12		17			5		12 | 11
881	9.734 717		9.810 541		0.189 459	9.924 176		119	1 | 1.2 | 1.1
882	9.734 728	11	9.810 557	16	0.189 443	9.924 171	5	118	2 | 2.4 | 2.2
883	9.734 740	12	9.810 574	17	0.189 426	9.924 166	5	117	3 | 3.6 | 3.3
		12		17			5		4 | 4.8 | 4.4
884	9.734 752		9.810 591		0.189 409	9.924 161		116	5 | 6.0 | 5.5
885	9.734 764	12	9.810 607	16	0.189 393	9.924 156	5	115	6 | 7.2 | 6.6
886	9.734 775	11	9.810 624	17	0.189 376	9.924 151	5	114	7 | 8.4 | 7.7
		12		17			5		8 | 9.6 | 8.8
887	9.734 787		9.810 641		0.189 359	9.924 146		113	9 | 10.8 | 9.9
888	9.734 799	12	9.810 657	16	0.189 343	9.924 142	4	112	
889	9.734 810	11	9.810 674	17	0.189 326	9.924 137	5	111	
		12		16			5		
.890	9.734 822		9.810 690		0.189 310	9.924 132		.110	
		12		17			5		
891	9.734 834		9.810 707		0.189 293	9.924 127		109	
892	9.734 846	12	9.810 724	17	0.189 276	9.924 122	5	108	
893	9.734 857	11	9.810 740	16	0.189 260	9.924 117	5	107	
		12		17			5		
894	9.734 869		9.810 757		0.189 243	9.924 112		106	
895	9.734 881	12	9.810 774	17	0.189 226	9.924 107	5	105	
896	9.734 892	11	9.810 790	16	0.189 210	9.924 102	5	104	
		12		17			5		
897	9.734 904		9.810 807		0.189 193	9.924 097		103	
898	9.734 916	12	9.810 823	16	0.189 177	9.924 093	4	102	
899	9.734 928	12	9.810 840	17	0.189 160	9.924 088	5	101	
		11		17			5		
.900	9.734 939		9.810 857		0.189 143	9.924 083		.100	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

57°.150 — 57°.100

32°.900 — 32°.950

32°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9·734 939		9.810 857		0.189 143	9.924 083		.100	
		12		16			5		
901	9·734 951		9.810 873		0.189 127	9.924 078		099	
902	9·734 963	12	9.810 890	17	0.189 110	9.924 073	5	098	
903	9·734 974	11	9.810 906	16	0.189 094	9.924 068	5	097	
		12		17			5		
904	9·734 986		9.810 923		0.189 077	9.924 063		096	
905	9·734 998	12	9.810 940	17	0.189 060	9.924 058	5	095	
906	9·735 010	12	9.810 956	16	0.189 044	9.924 053	5	094	
		11		17			5		
907	9·735 021		9.810 973		0.189 027	9.924 048		093	
908	9·735 033	12	9.810 990	17	0.189 010	9.924 043	5	092	
909	9·735 045	12	9.811 006	16	0.188 994	9.924 039	4	091	
		11		17			5		
.910	9·735 056		9.811 023		0.188 977	9.924 034		.090	
		12		16			5		
911	9·735 068		9.811 039		0.188 961	9.924 029		089	
912	9·735 080	12	9.811 056	17	0.188 944	9.924 024	5	088	
913	9·735 092	12	9.811 073	17	0.188 927	9.924 019	5	087	
		11		16			5		
914	9·735 103		9.811 089		0.188 911	9.924 014		086	
915	9·735 115	12	9.811 106	17	0.188 894	9.924 009	5	085	
916	9·735 127	12	9.811 123	17	0.188 877	9.924 004	5	084	
		11		16			5		
917	9·735 138		9.811 139		0.188 861	9.923 999		083	
918	9·735 150	12	9.811 156	17	0.188 844	9.923 994	5	082	
919	9·735 162	12	9.811 172	16	0.188 828	9.923 990	4	081	
		12		17			5		
.920	9·735 174		9.811 189		0.188 811	9.923 985		.080	
		11		17			5		
921	9·735 185		9.811 206		0.188 794	9.923 980		079	
922	9·735 197	12	9.811 222	16	0.188 778	9.923 975	5	078	
923	9·735 209	12	9.811 239	17	0.188 761	9.923 970	5	077	
		11		16			5		
924	9·735 220		9.811 255		0.188 745	9.923 965		076	
925	9·735 232	12	9.811 272	17	0.188 728	9.923 960	5	075	
926	9·735 244	12	9.811 289	17	0.188 711	9.923 955	5	074	
		12		16			5		
927	9·735 256		9.811 305		0.188 695	9.923 950		073	
928	9·735 267	11	9.811 322	17	0.188 678	9.923 945	5	072	
929	9·735 279	12	9.811 339	17	0.188 661	9.923 940	5	071	
		12		16			4		
.930	9·735 291		9.811 355		0.188 645	9.923 936		.070	
		11		17			5		
931	9·735 302		9.811 372		0.188 628	9.923 931		069	
932	9·735 314	12	9.811 388	16	0.188 612	9.923 926	5	068	
933	9·735 326	12	9.811 405	17	0.188 595	9.923 921	5	067	
		11		17			5		
934	9·735 337		9.811 422		0.188 578	9.923 916		066	
935	9·735 349	12	9.811 438	16	0.188 562	9.923 911	5	065	
936	9·735 361	12	9.811 455	17	0.188 545	9.923 906	5	064	
		12		16			5		
937	9·735 373		9.811 471		0.188 529	9.923 901		063	
938	9·735 384	11	9.811 488	17	0.188 512	9.923 896	5	062	
939	9·735 396	12	9.811 505	17	0.188 495	9.923 891	5	061	
		12		16			5		
.940	9·735 408		9.811 521		0.188 479	9.923 886		.060	
		11		17			5		
941	9·735 419		9.811 538		0.188 462	9.923 881		059	
942	9·735 431	12	9.811 554	16	0.188 446	9.923 877	4	058	
943	9·735 443	12	9.811 571	17	0.188 429	9.923 872	5	057	
		11		17			5		
944	9·735 454		9.811 588		0.188 412	9.923 867		056	
945	9·735 466	12	9.811 604	16	0.188 396	9.923 862	5	055	
946	9·735 478	12	9.811 621	17	0.188 379	9.923 857	5	054	
		12		16			5		
947	9·735 490		9.811 637		0.188 363	9.923 852		053	
948	9·735 501	11	9.811 654	17	0.188 346	9.923 847	5	052	
949	9·735 513	12	9.811 671	17	0.188 329	9.923 842	5	051	
		12		16			5		
.950	9·735 525		9.811 687		0.188 313	9.923 837		.050	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.100 — 57°.050

32°.950 — 33°.000

32°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9·735 525		9.811 687		0.188 313	9.923 837		**.050**	
		11		17			5		
951	9·735 536		9.811 704		0.188 296	9.923 832		049	
952	9·735 548	12	9.811 721	17	0.188 279	9.923 827	5	048	
953	9·735 560	12	9.811 737	16	0.188 263	9.923 823	5	047	
		11		17			4		
954	9·735 571		9.811 754		0.188 246	9.923 818	5	046	
955	9·735 583	12	9.811 770	16	0.188 230	9.923 813	5	045	
956	9·735 595	12	9.811 787	17	0.188 213	9.923 808	5	044	
		11		17			5		
957	9·735 606		9.811 804		0.188 196	9.923 803		043	
958	9·735 618	12	9.811 820	16	0.188 180	9.923 798	5	042	
959	9·735 630	12	9.811 837	17	0.188 163	9.923 793	5	041	
		12		16			5		
.960	9·735 642		9.811 853		0.188 147	9.923 788		**.040**	
		11		17			5		
961	9·735 653		9.811 870		0.188 130	9.923 783		039	
962	9·735 665	12	9.811 887	17	0.188 113	9.923 778	5	038	
963	9·735 677	12	9.811 903	16	0.188 097	9.923 773	5	037	
		11		17			5		
964	9·735 688		9.811 920		0.188 080	9.923 768		036	
965	9·735 700	12	9.811 936	16	0.188 064	9.923 764	4	035	
966	9·735 712	12	9.811 953	17	0.188 047	9.923 759	5	034	
		11		17			5		
967	9·735 723		9.811 970		0.188 030	9.923 754		033	
968	9·735 735	12	9.811 986	16	0.188 014	9.923 749	5	032	
969	9·735 747	12	9.812 003	17	0.187 997	9.923 744	5	031	
		11		16			5		
.970	9·735 758		9.812 019		0.187 981	9.923 739		**.030**	
		12		17			5		
971	9·735 770		9.812 036		0.187 964	9.923 734		029	
972	9·735 782	12	9.812 053	17	0.187 947	9.923 729	5	028	
973	9·735 793	11	9.812 069	16	0.187 931	9.923 724	5	027	
		12		17			5		
974	9·735 805		9.812 086		0.187 914	9.923 719		026	
975	9·735 817	12	9.812 102	16	0.187 898	9.923 714	5	025	
976	9·735 829	12	9.812 119	17	0.187 881	9.923 709	5	024	
		11		17			4		
977	9·735 840		9.812 136		0.187 864	9.923 705		023	
978	9·735 852	12	9.812 152	16	0.187 848	9.923 700	5	022	
979	9·735 864	12	9.812 169	17	0.187 831	9.923 695	5	021	
		11		16			5		
.980	9·735 875		9.812 185		0.187 815	9.923 690		**.020**	
		12		17			5		
981	9·735 887		9.812 202		0.187 798	9.923 685		019	
982	9·735 899	12	9.812 219	17	0.187 781	9.923 680	5	018	
983	9·735 910	11	9.812 235	16	0.187 765	9.923 675	5	017	
		12		17			5		
984	9·735 922		9.812 252		0.187 748	9.923 670		016	
985	9·735 934	12	9.812 268	16	0.187 732	9.923 665	5	015	
986	9·735 945	11	9.812 285	17	0.187 715	9.923 660	5	014	
		12		17			5		
987	9·735 957		9.812 302		0.187 698	9.923 655		013	
988	9·735 969	12	9.812 318	16	0.187 682	9.923 650	5	012	
989	9·735 980	11	9.812 335	17	0.187 665	9.923 646	4	011	
		12		16			5		
.990	9·735 992		9.812 351		0.187 649	9.923 641		**.010**	
		12		17			5		
991	9·736 004		9.812 368		0.187 632	9.923 636		009	
992	9·736 015	11	9.812 385	17	0.187 615	9.923 631	5	008	
993	9·736 027	12	9.812 401	16	0.187 599	9.923 626	5	007	
		12		17			5		
994	9·736 039		9.812 418		0.187 582	9.923 621		006	
995	9·736 050	11	9.812 434	16	0.187 566	9.923 616	5	005	
996	9·736 062	12	9.812 451	17	0.187 549	9.923 611	5	004	
		12		17			5		
997	9·736 074		9.812 468		0.187 532	9.923 606		003	
998	9·736 085	11	9.812 484	16	0.187 516	9.923 601	5	002	
999	9·736 097	12	9.812 501	17	0.187 499	9.923 596	5	001	
		12		16			5		
***000**	9·736 109		9.812 517		0.187 483	9.923 591		**.000**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.050 — 57°.000

33°.000 — 33°.050

33°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.736 109		9.812 517		0.187 483	9.923 591		***000**	
		11		17			5		
001	9.736 120		9.812 534		0.187 466	9.923 586		999	
002	9.736 132	12	9.812 551	17	0.187 449	9.923 582	4	998	
003	9.736 144	12	9.812 567	16	0.187 433	9.923 577	5	997	
		11		17			5		
004	9.736 155		9.812 584		0.187 416	9.923 572		996	
005	9.736 167	12	9.812 600	16	0.187 400	9.923 567	5	995	
006	9.736 179	12	9.812 617	17	0.187 383	9.923 562	5	994	
		11		17			5		
007	9.736 190		9.812 634		0.187 366	9.923 557		993	
008	9.736 202	12	9.812 650	16	0.187 350	9.923 552	5	992	
009	9.736 214	12	9.812 667	17	0.187 333	9.923 547	5	991	
		11		16			5		
.010	9.736 225		9.812 683		0.187 317	9.923 542		**.990**	
		12		17			5		
011	9.736 237		9.812 700		0.187 300	9.923 537		989	
012	9.736 249	12	9.812 716	16	0.187 284	9.923 532	5	988	
013	9.736 260	11	9.812 733	17	0.187 267	9.923 527	5	987	
		12		17			5		
014	9.736 272		9.812 750		0.187 250	9.923 522		986	
015	9.736 284	12	9.812 766	16	0.187 234	9.923 518	4	985	
016	9.736 295	11	9.812 783	17	0.187 217	9.923 513	5	984	
		12		16			5		
017	9.736 307		9.812 799		0.187 201	9.923 508		983	
018	9.736 319	12	9.812 816	17	0.187 184	9.923 503	5	982	
019	9.736 330	11	9.812 833	17	0.187 167	9.923 498	5	981	
		12		16			5		
.020	9.736 342		9.812 849		0.187 151	9.923 493		**.980**	
		12		17			5		
021	9.736 354		9.812 866		0.187 134	9.923 488		979	
022	9.736 365	11	9.812 882	16	0.187 118	9.923 483	5	978	
023	9.736 377	12	9.812 899	17	0.187 101	9.923 478	5	977	
		12		17			5		
024	9.736 389		9.812 916		0.187 084	9.923 473		976	
025	9.736 400	11	9.812 932	16	0.187 068	9.923 468	5	975	
026	9.736 412	12	9.812 949	17	0.187 051	9.923 463	5	974	
		12		16			5		
027	9.736 424		9.812 965		0.187 035	9.923 458		973	
028	9.736 435	11	9.812 982	17	0.187 018	9.923 454	4	972	
029	9.736 447	12	9.812 998	16	0.187 002	9.923 449	5	971	
		12		17			5		
.030	9.736 459		9.813 015		0.186 985	9.923 444		**.970**	
		11		17			5		
031	9.736 470		9.813 032		0.186 968	9.923 439		969	
032	9.736 482	12	9.813 048	16	0.186 952	9.923 434	5	968	
033	9.736 494	12	9.813 065	17	0.186 935	9.923 429	5	967	
		11		16			5		
034	9.736 505		9.813 081		0.186 919	9.923 424		966	
035	9.736 517	12	9.813 098	17	0.186 902	9.923 419	5	965	
036	9.736 529	12	9.813 115	17	0.186 885	9.923 414	5	964	
		11		16			5		
037	9.736 540		9.813 131		0.186 869	9.923 409		963	
038	9.736 552	12	9.813 148	17	0.186 852	9.923 404	5	962	
039	9.736 564	12	9.813 164	16	0.186 836	9.923 399	5	961	
		11		17			5		
.040	9.736 575		9.813 181		0.186 819	9.923 394		**.960**	
		12		17			5		
041	9.736 587		9.813 198		0.186 802	9.923 389		959	
042	9.736 599	12	9.813 214	16	0.186 786	9.923 384	5	958	
043	9.736 610	11	9.813 231	17	0.186 769	9.923 380	4	957	
		12		16			5		
044	9.736 622		9.813 247		0.186 753	9.923 375		956	
045	9.736 634	12	9.813 264	17	0.186 736	9.923 370	5	955	
046	9.736 645	11	9.813 280	16	0.186 720	9.923 365	5	954	
		12		17			5		
047	9.736 657		9.813 297		0.186 703	9.923 360		953	
048	9.736 669	12	9.813 314	17	0.186 686	9.923 355	5	952	
049	9.736 680	11	9.813 330	16	0.186 670	9.923 350	5	951	
		12		17			5		
.050	9.736 692		9.813 347		0.186 653	9.923 345		**.950**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.000 — 56°.950

33°.050 — 33°.100

33°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.736 692		9.813 347		0.186 653	9.923 345		**.950**	
		11		16			5		
051	9.736 703		9.813 363		0.186 637	9.923 340		949	
052	9.736 715	12	9.813 380	17	0.186 620	9.923 335	5	948	
053	9.736 727	12	9.813 397	17	0.186 603	9.923 330	5	947	
		11		16			5		
054	9.736 738		9.813 413		0.186 587	9.923 325		946	
055	9.736 750	12	9.813 430	17	0.186 570	9.923 320	5	945	
056	9.736 762	12	9.813 446	16	0.186 554	9.923 315	5	944	
		11		17			4		
057	9.736 773		9.813 463		0.186 537	9.923 311		943	
058	9.736 785	12	9.813 479	16	0.186 521	9.923 306	5	942	
059	9.736 797	12	9.813 496	17	0.186 504	9.923 301	5	941	
		11		17			5		
.060	9.736 808		9.813 513		0.186 487	9.923 296		**.940**	
		12		16			5		
061	9.736 820		9.813 529		0.186 471	9.923 291		939	
062	9.736 832	12	9.813 546	17	0.186 454	9.923 286	5	938	
063	9.736 843	11	9.813 562	16	0.186 438	9.923 281	5	937	
		12		17			5		
064	9.736 855		9.813 579		0.186 421	9.923 276		936	
065	9.736 867	12	9.813 595	16	0.186 405	9.923 271	5	935	
066	9.736 878	11	9.813 612	17	0.186 388	9.923 266	5	934	
		12		17			5		
067	9.736 890		9.813 629		0.186 371	9.923 261		933	
068	9.736 901	11	9.813 645	16	0.186 355	9.923 256	5	932	
069	9.736 913	12	9.813 662	17	0.186 338	9.923 251	5	931	
		12		16			5		
.070	9.736 925		9.813 678		0.186 322	9.923 246		**.930**	
		11		17			5		
071	9.736 936		9.813 695		0.186 305	9.923 241		929	
072	9.736 948	12	9.813 711	16	0.186 289	9.923 236	5	928	
073	9.736 960	12	9.813 728	17	0.186 272	9.923 232	4	927	
		11		17			5		
074	9.736 971		9.813 745		0.186 255	9.923 227		926	
075	9.736 983	12	9.813 761	16	0.186 239	9.923 222	5	925	
076	9.736 995	12	9.813 778	17	0.186 222	9.923 217	5	924	
		11		16			5		
077	9.737 006		9.813 794		0.186 206	9.923 212		923	
078	9.737 018	12	9.813 811	17	0.186 189	9.923 207	5	922	
079	9.737 029	11	9.813 828	17	0.186 172	9.923 202	5	921	
		12		16			5		
.080	9.737 041		9.813 844		0.186 156	9.923 197		**.920**	
		12		17			5		
081	9.737 053		9.813 861		0.186 139	9.923 192		919	
082	9.737 064	11	9.813 877	16	0.186 123	9.923 187	5	918	
083	9.737 076	12	9.813 894	17	0.186 106	9.923 182	5	917	
		12		16			5		
084	9.737 088		9.813 910		0.186 090	9.923 177		916	
085	9.737 099	11	9.813 927	17	0.186 073	9.923 172	5	915	
086	9.737 111	12	9.813 944	17	0.186 056	9.923 167	5	914	
		12		16			5		
087	9.737 123		9.813 960		0.186 040	9.923 162		913	
088	9.737 134	11	9.813 977	17	0.186 023	9.923 158	4	912	
089	9.737 146	12	9.813 993	16	0.186 007	9.923 153	5	911	
		11		17			5		
.090	9.737 157		9.814 010		0.185 990	9.923 148		**.910**	
		12		16			5		
091	9.737 169		9.814 026		0.185 974	9.923 143		909	
092	9.737 181	12	9.814 043	17	0.185 957	9.923 138	5	908	
093	9.737 192	11	9.814 060	17	0.185 940	9.923 133	5	907	
		12		16			5		
094	9.737 204		9.814 076		0.185 924	9.923 128		906	
095	9.737 216	12	9.814 093	17	0.185 907	9.923 123	5	905	
096	9.737 227	11	9.814 109	16	0.185 891	9.923 118	5	904	
		12		17			5		
097	9.737 239		9.814 126		0.185 874	9.923 113		903	
098	9.737 250	11	9.814 142	16	0.185 858	9.923 108	5	902	
099	9.737 262	12	9.814 159	17	0.185 841	9.923 103	5	901	
		12		17			5		
.100	9.737 274		9.814 176		0.185 824	9.923 098		**.900**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.950 — 56°.900

33°.100 — 33°.150

33°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.737 274		9.814 176		0.185 824	9.923 098		.900	
		11		16			5		
101	9.737 285		9.814 192		0.185 808	9.923 093		899	
102	9.737 297	12	9.814 209	17	0.185 791	9.923 088	5	898	
103	9.737 309	12	9.814 225	16	0.185 775	9.923 083	5	897	
		11		17			5		
104	9.737 320		9.814 242		0.185 758	9.923 078		896	
105	9.737 332	12	9.814 258	16	0.185 742	9.923 074	4	895	
106	9.737 343	11	9.814 275	17	0.185 725	9.923 069	5	894	
		12		16			5		
107	9.737 355		9.814 291		0.185 709	9.923 064		893	
108	9.737 367	12	9.814 308	17	0.185 692	9.923 059	5	892	
109	9.737 378	11	9.814 325	17	0.185 675	9.923 054	5	891	
		12		16			5		
.110	9.737 390		9.814 341		0.185 659	9.923 049		.890	
		12		17			5		
111	9.737 402		9.814 358		0.185 642	9.923 044		889	
112	9.737 413	11	9.814 374	16	0.185 626	9.923 039	5	888	
113	9.737 425	12	9.814 391	17	0.185 609	9.923 034	5	887	
		11		16			5		
114	9.737 436		9.814 407		0.185 593	9.923 029		886	
115	9.737 448	12	9.814 424	17	0.185 576	9.923 024	5	885	
116	9.737 460	12	9.814 441	17	0.185 559	9.923 019	5	884	
		11		16			5		
117	9.737 471		9.814 457		0.185 543	9.923 014		883	
118	9.737 483	12	9.814 474	17	0.185 526	9.923 009	5	882	
119	9.737 495	12	9.814 490	16	0.185 510	9.923 004	5	881	
		11		17			5		
.120	9.737 506		9.814 507		0.185 493	9.922 999		.880	
		12		16			5		
121	9.737 518		9.814 523		0.185 477	9.922 994		879	
122	9.737 529	11	9.814 540	17	0.185 460	9.922 989	5	878	
123	9.737 541	12	9.814 557	17	0.185 443	9.922 985	4	877	
		12		16			5		
124	9.737 553		9.814 573		0.185 427	9.922 980		876	
125	9.737 564	11	9.814 590	17	0.185 410	9.922 975	5	875	
126	9.737 576	12	9.814 606	16	0.185 394	9.922 970	5	874	
		12		17			5		
127	9.737 588		9.814 623		0.185 377	9.922 965		873	
128	9.737 599	11	9.814 639	16	0.185 361	9.922 960	5	872	
129	9.737 611	12	9.814 656	17	0.185 344	9.922 955	5	871	
		11		16			5		
.130	9.737 622		9.814 672		0.185 328	9.922 950		.870	
		12		17			5		
131	9.737 634		9.814 689		0.185 311	9.922 945		869	
132	9.737 646	12	9.814 706	17	0.185 294	9.922 940	5	868	
133	9.737 657	11	9.814 722	16	0.185 278	9.922 935	5	867	
		12		17			5		
134	9.737 669		9.814 739		0.185 261	9.922 930		866	
135	9.737 680	11	9.814 755	16	0.185 245	9.922 925	5	865	
136	9.737 692	12	9.814 772	17	0.185 228	9.922 920	5	864	
		12		16			5		
137	9.737 704		9.814 788		0.185 212	9.922 915		863	
138	9.737 715	11	9.814 805	17	0.185 195	9.922 910	5	862	
139	9.737 727	12	9.814 822	17	0.185 178	9.922 905	5	861	
		11		16			5		
.140	9.737 738		9.814 838		0.185 162	9.922 900		.860	
		12		17			5		
141	9.737 750		9.814 855		0.185 145	9.922 895		859	
142	9.737 762	12	9.814 871	16	0.185 129	9.922 891	4	858	
143	9.737 773	11	9.814 888	17	0.185 112	9.922 886	5	857	
		12		16			5		
144	9.737 785		9.814 904		0.185 096	9.922 881		856	
145	9.737 797	12	9.814 921	17	0.185 079	9.922 876	5	855	
146	9.737 808	11	9.814 937	16	0.185 063	9.922 871	5	854	
		12		17			5		
147	9.737 820		9.814 954		0.185 046	9.922 866		853	
148	9.737 831	11	9.814 971	17	0.185 029	9.922 861	5	852	
149	9.737 843	12	9.814 987	16	0.185 013	9.922 856	5	851	
		12		17			5		
.150	9.737 855		9.815 004		0.184 996	9.922 851		.850	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.900 — 56°.850

33°.150 — 33°.200

33°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.737 855		9.815 004		0.184 996	9.922 851		**.850**	
		11		16			5		
151	9.737 866		9.815 020		0.184 980	9.922 846		849	
152	9.737 878	12	9.815 037	17	0.184 963	9.922 841	5	848	
153	9.737 889	11	9.815 053	16	0.184 947	9.922 836	5	847	
		12		17			5		
154	9.737 901		9.815 070		0.184 930	9.922 831		846	
155	9.737 913	12	9.815 086	16	0.184 914	9.922 826	5	845	
156	9.737 924	11	9.815 103	17	0.184 897	9.922 821	5	844	
		12		17			5		
157	9.737 936		9.815 120		0.184 880	9.922 816		843	
158	9.737 947	11	9.815 136	16	0.184 864	9.922 811	5	842	
159	9.737 959	12	9.815 153	17	0.184 847	9.922 806	5	841	
		12		16			5		
.160	9.737 971		9.815 169		0.184 831	9.922 801		**.840**	
		11		17			5		
161	9.737 982		9.815 186		0.184 814	9.922 796		839	
162	9.737 994	12	9.815 202	16	0.184 798	9.922 791	5	838	
163	9.738 005	11	9.815 219	17	0.184 781	9.922 787	4	837	
		12		16			5		
164	9.738 017		9.815 235		0.184 765	9.922 782		836	
165	9.738 029	12	9.815 252	17	0.184 748	9.922 777	5	835	
166	9.738 040	11	9.815 269	17	0.184 731	9.922 772	5	834	
		12		16			5		
167	9.738 052		9.815 285		0.184 715	9.922 767		833	
168	9.738 063	11	9.815 302	17	0.184 698	9.922 762	5	832	
169	9.738 075	12	9.815 318	16	0.184 682	9.922 757	5	831	
		12		17			5		
.170	9.738 087		9.815 335		0.184 665	9.922 752		**.830**	
		11		16			5		
171	9.738 098		9.815 351		0.184 649	9.922 747		829	
172	9.738 110	12	9.815 368	17	0.184 632	9.922 742	5	828	
173	9.738 121	11	9.815 384	16	0.184 616	9.922 737	5	827	
		12		17			5		
174	9.738 133		9.815 401		0.184 599	9.922 732		826	
175	9.738 145	12	9.815 417	16	0.184 583	9.922 727	5	825	
176	9.738 156	11	9.815 434	17	0.184 566	9.922 722	5	824	
		12		17			5		
177	9.738 168		9.815 451		0.184 549	9.922 717		823	
178	9.738 179	11	9.815 467	16	0.184 533	9.922 712	5	822	
179	9.738 191	12	9.815 484	17	0.184 516	9.922 707	5	821	
		12		16			5		
.180	9.738 203		9.815 500		0.184 500	9.922 702		**.820**	
		11		17			5		
181	9.738 214		9.815 517		0.184 483	9.922 697		819	
182	9.738 226	12	9.815 533	16	0.184 467	9.922 692	5	818	
183	9.738 237	11	9.815 550	17	0.184 450	9.922 687	5	817	
		12		16			5		
184	9.738 249		9.815 566		0.184 434	9.922 682		816	
185	9.738 260	11	9.815 583	17	0.184 417	9.922 678	4	815	
186	9.738 272	12	9.815 599	16	0.184 401	9.922 673	5	814	
		12		17			5		
187	9.738 284		9.815 616		0.184 384	9.922 668		813	
188	9.738 295	11	9.815 633	17	0.184 367	9.922 663	5	812	
189	9.738 307	12	9.815 649	16	0.184 351	9.922 658	5	811	
		11		17			5		
.190	9.738 318		9.815 666		0.184 334	9.922 653		**.810**	
		12		16			5		
191	9.738 330		9.815 682		0.184 318	9.922 648		809	
192	9.738 342	12	9.815 699	17	0.184 301	9.922 643	5	808	
193	9.738 353	11	9.815 715	16	0.184 285	9.922 638	5	807	
		12		17			5		
194	9.738 365		9.815 732		0.184 268	9.922 633		806	
195	9.738 376	11	9.815 748	16	0.184 252	9.922 628	5	805	
196	9.738 388	12	9.815 765	17	0.184 235	9.922 623	5	804	
		12		16			5		
197	9.738 400		9.815 781		0.184 219	9.922 618		803	
198	9.738 411	11	9.815 798	17	0.184 202	9.922 613	5	802	
199	9.738 423	12	9.815 815	17	0.184 185	9.922 608	5	801	
		11		16			5		
.200	9.738 434		9.815 831		0.184 169	9.922 603		**.800**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.850 — 56°.800

33°.200 — 33°.250

33°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.738 434		9.815 831		0.184 169	9.922 603		**.800**	
		12		17			5		
201	9.738 446		9.815 848		0.184 152	9.922 598		799	
202	9.738 457	11	9.815 864	16	0.184 136	9.922 593	5	798	
203	9.738 469	12	9.815 881	17	0.184 119	9.922 588	5	797	
		12		16			5		
204	9.738 481		9.815 897		0.184 103	9.922 583		796	
205	9.738 492	11	9.815 914	17	0.184 086	9.922 578	5	795	
206	9.738 504	12	9.815 930	16	0.184 070	9.922 573	5	794	
		11		17			5		
207	9.738 515		9.815 947		0.184 053	9.922 568		793	
208	9.738 527	12	9.815 963	16	0.184 037	9.922 563	5	792	
209	9.738 539	12	9.815 980	17	0.184 020	9.922 559	4	791	
		11		17			5		
.210	9.738 550		9.815 997		0.184 003	9.922 554		**.790**	
		12		16			5		
211	9.738 562		9.816 013		0.183 987	9.922 549		789	
212	9.738 573	11	9.816 030	17	0.183 970	9.922 544	5	788	
213	9.738 585	12	9.816 046	16	0.183 954	9.922 539	5	787	
		11		17			5		
214	9.738 596		9.816 063		0.183 937	9.922 534		786	
215	9.738 608	12	9.816 079	16	0.183 921	9.922 529	5	785	
216	9.738 620	12	9.816 096	17	0.183 904	9.922 524	5	784	
		11		16			5		
217	9.738 631		9.816 112		0.183 888	9.922 519		783	
218	9.738 643	12	9.816 129	17	0.183 871	9.922 514	5	782	
219	9.738 654	11	9.816 145	16	0.183 855	9.922 509	5	781	
		12		17			5		
.220	9.738 666		9.816 162		0.183 838	9.922 504		**.780**	
		11		16			5		
221	9.738 677		9.816 178		0.183 822	9.922 499		779	
222	9.738 689	12	9.816 195	17	0.183 805	9.922 494	5	778	
223	9.738 701	12	9.816 212	17	0.183 788	9.922 489	5	777	
		11		16			5		
224	9.738 712		9.816 228		0.183 772	9.922 484		776	
225	9.738 724	12	9.816 245	17	0.183 755	9.922 479	5	775	
226	9.738 735	11	9.816 261	16	0.183 739	9.922 474	5	774	
		12		17			5		
227	9.738 747		9.816 278		0.183 722	9.922 469		773	
228	9.738 758	11	9.816 294	16	0.183 706	9.922 464	5	772	
229	9.738 770	12	9.816 311	17	0.183 689	9.922 459	5	771	
		12		16			5		
.230	9.738 782		9.816 327		0.183 673	9.922 454		**.770**	
		11		17			5		
231	9.738 793		9.816 344		0.183 656	9.922 449		769	
232	9.738 805	12	9.816 360	16	0.183 640	9.922 444	5	768	
233	9.738 816	11	9.816 377	17	0.183 623	9.922 439	5	767	
		12		16			5		
234	9.738 828		9.816 393		0.183 607	9.922 434		766	
235	9.738 839	11	9.816 410	17	0.183 590	9.922 429	5	765	
236	9.738 851	12	9.816 427	17	0.183 573	9.922 424	5	764	
		12		16			5		
237	9.738 863		9.816 443		0.183 557	9.922 419		763	
238	9.738 874	11	9.816 460	17	0.183 540	9.922 415	4	762	
239	9.738 886	12	9.816 476	16	0.183 524	9.922 410	5	761	
		11		17			5		
.240	9.738 897		9.816 493		0.183 507	9.922 405		**.760**	
		12		16			5		
241	9.738 909		9.816 509		0.183 491	9.922 400		759	
242	9.738 920	11	9.816 526	17	0.183 474	9.922 395	5	758	
243	9.738 932	12	9.816 542	16	0.183 458	9.922 390	5	757	
		12		17			5		
244	9.738 944		9.816 559		0.183 441	9.922 385		756	
245	9.738 955	11	9.816 575	16	0.183 425	9.922 380	5	755	
246	9.738 967	12	9.816 592	17	0.183 408	9.922 375	5	754	
		11		16			5		
247	9.738 978		9.816 608		0.183 392	9.922 370		753	
248	9.738 990	12	9.816 625	17	0.183 375	9.922 365	5	752	
249	9.739 001	11	9.816 641	16	0.183 359	9.922 360	5	751	
		12		17			5		
.250	9.739 013		9.816 658		0.183 342	9.922 355		**.750**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.800 — 56°.750

33°.250 — 33°.300

33°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.739 013		9.816 658		0.183 342	9.922 355		**.750**	
		11		17			5		
251	9.739 024		9.816 675		0.183 325	9.922 350		749	
		12		16			5		
252	9.739 036		9.816 691		0.183 309	9.922 345		748	
		12		17			5		
253	9.739 048		9.816 708		0.183 292	9.922 340		747	
		11		16			5		
254	9.739 059		9.816 724		0.183 276	9.922 335		746	
		12		17			5		
255	9.739 071		9.816 741		0.183 259	9.922 330		745	
		11		16			5		
256	9.739 082		9.816 757		0.183 243	9.922 325		744	
		12		17			5		
257	9.739 094		9.816 774		0.183 226	9.922 320		743	
		11		16			5		
258	9.739 105		9.816 790		0.183 210	9.922 315		742	
		12		17			5		
259	9.739 117		9.816 807		0.183 193	9.922 310		741	
		11		16			5		
.260	9.739 128		9.816 823		0.183 177	9.922 305		**.740**	
		12		17			5		
261	9.739 140		9.816 840		0.183 160	9.922 300		739	
		12		16			5		
262	9.739 152		9.816 856		0.183 144	9.922 295		738	
		11		17			5		
263	9.739 163		9.816 873		0.183 127	9.922 290		737	
		12		16			5		
264	9.739 175		9.816 889		0.183 111	9.922 285		736	
		11		17			5		
265	9.739 186		9.816 906		0.183 094	9.922 280		735	
		12		16			5		
266	9.739 198		9.816 922		0.183 078	9.922 275		734	
		11		17			5		
267	9.739 209		9.816 939		0.183 061	9.922 270		733	
		12		16			5		
268	9.739 221		9.816 955		0.183 045	9.922 265		732	
		11		17			5		
269	9.739 232		9.816 972		0.183 028	9.922 260		731	
		12		17			5		
.270	9.739 244		9.816 989		0.183 011	9.922 255		**.730**	
		12		16			4		
271	9.739 256		9.817 005		0.182 995	9.922 251		729	
		11		17			5		
272	9.739 267		9.817 022		0.182 978	9.922 246		728	
		12		16			5		
273	9.739 279		9.817 038		0.182 962	9.922 241		727	
		11		17			5		
274	9.739 290		9.817 055		0.182 945	9.922 236		726	
		12		16			5		
275	9.739 302		9.817 071		0.182 929	9.922 231		725	
		11		17			5		
276	9.739 313		9.817 088		0.182 912	9.922 226		724	
		12		16			5		
277	9.739 325		9.817 104		0.182 896	9.922 221		723	
		11		17			5		
278	9.739 336		9.817 121		0.182 879	9.922 216		722	
		12		16			5		
279	9.739 348		9.817 137		0.182 863	9.922 211		721	
		12		17			5		
.280	9.739 360		9.817 154		0.182 846	9.922 206		**.720**	
		11		16			5		
281	9.739 371		9.817 170		0.182 830	9.922 201		719	
		12		17			5		
282	9.739 383		9.817 187		0.182 813	9.922 196		718	
		11		16			5		
283	9.739 394		9.817 203		0.182 797	9.922 191		717	
		12		17			5		
284	9.739 406		9.817 220		0.182 780	9.922 186		716	
		11		16			5		
285	9.739 417		9.817 236		0.182 764	9.922 181		715	
		12		17			5		
286	9.739 429		9.817 253		0.182 747	9.922 176		714	
		11		16			5		
287	9.739 440		9.817 269		0.182 731	9.922 171		713	
		12		17			5		
288	9.739 452		9.817 286		0.182 714	9.922 166		712	
		11		16			5		
289	9.739 463		9.817 302		0.182 698	9.922 161		711	
		12		17			5		
.290	9.739 475		9.817 319		0.182 681	9.922 156		**.710**	
		12		17			5		
291	9.739 487		9.817 336		0.182 664	9.922 151		709	
		11		16			5		
292	9.739 498		9.817 352		0.182 648	9.922 146		708	
		12		17			5		
293	9.739 510		9.817 369		0.182 631	9.922 141		707	
		11		16			5		
294	9.739 521		9.817 385		0.182 615	9.922 136		706	
		12		17			5		
295	9.739 533		9.817 402		0.182 598	9.922 131		705	
		11		16			5		
296	9.739 544		9.817 418		0.182 582	9.922 126		704	
		12		17			5		
297	9.739 556		9.817 435		0.182 565	9.922 121		703	
		11		16			5		
298	9.739 567		9.817 451		0.182 549	9.922 116		702	
		12		17			5		
299	9.739 579		9.817 468		0.182 532	9.922 111		701	
		11		16			5		
.300	9.739 590		9.817 484		0.182 516	9.922 106		**.700**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.750 — 56°.700

33°.300 — 33°.350

33°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.739 590		9.817 484		0.182 516	9.922 106		.700	
		12		17			5		
301	9.739 602		9.817 501		0.182 499	9.922 101		699	
		11		16			5		
302	9.739 613		9.817 517		0.182 483	9.922 096		698	
		12		17			5		
303	9.739 625		9.817 534		0.182 466	9.922 091		697	
		12		16			5		
304	9.739 637		9.817 550		0.182 450	9.922 086		696	
		11		17			5		
305	9.739 648		9.817 567		0.182 433	9.922 081		695	
		12		16			5		
306	9.739 660		9.817 583		0.182 417	9.922 076		694	
		11		17			5		
307	9.739 671		9.817 600		0.182 400	9.922 071		693	
		12		16			5		
308	9.739 683		9.817 616		0.182 384	9.922 066		692	
		11		17			5		
309	9.739 694		9.817 633		0.182 367	9.922 061		691	
		12		16			5		
.310	9.739 706		9.817 649		0.182 351	9.922 056		.690	
		11		17			5		
311	9.739 717		9.817 666		0.182 334	9.922 051		689	
		12		16			5		
312	9.739 729		9.817 682		0.182 318	9.922 046		688	
		11		17			5		
313	9.739 740		9.817 699		0.182 301	9.922 041		687	
		12		16			5		
314	9.739 752		9.817 715		0.182 285	9.922 036		686	
		11		17			5		
315	9.739 763		9.817 732		0.182 268	9.922 031		685	
		12		16			4		
316	9.739 775		9.817 748		0.182 252	9.922 027		684	
		11		17			5		
317	9.739 786		9.817 765		0.182 235	9.922 022		683	
		12		16			5		
318	9.739 798		9.817 781		0.182 219	9.922 017		682	
		12		17			5		
319	9.739 810		9.817 798		0.182 202	9.922 012		681	
		11		17			5		
.320	9.739 821		9.817 815		0.182 185	9.922 007		.680	
		12		16			5		
321	9.739 833		9.817 831		0.182 169	9.922 002		679	
		11		17			5		
322	9.739 844		9.817 848		0.182 152	9.921 997		678	
		12		16			5		
323	9.739 856		9.817 864		0.182 136	9.921 992		677	
		11		17			5		
324	9.739 867		9.817 881		0.182 119	9.921 987		676	
		12		16			5		
325	9.739 879		9.817 897		0.182 103	9.921 982		675	
		11		17			5		
326	9.739 890		9.817 914		0.182 086	9.921 977		674	
		12		16			5		
327	9.739 902		9.817 930		0.182 070	9.921 972		673	
		11		17			5		
328	9.739 913		9.817 947		0.182 053	9.921 967		672	
		12		16			5		
329	9.739 925		9.817 963		0.182 037	9.921 962		671	
		11		17			5		
.330	9.739 936		9.817 980		0.182 020	9.921 957		.670	
		12		16			5		
331	9.739 948		9.817 996		0.182 004	9.921 952		669	
		11		17			5		
332	9.739 959		9.818 013		0.181 987	9.921 947		668	
		12		16			5		
333	9.739 971		9.818 029		0.181 971	9.921 942		667	
		11		17			5		
334	9.739 982		9.818 046		0.181 954	9.921 937		666	
		12		16			5		
335	9.739 994		9.818 062		0.181 938	9.921 932		665	
		12		17			5		
336	9.740 006		9.818 079		0.181 921	9.921 927		664	
		11		16			5		
337	9.740 017		9.818 095		0.181 905	9.921 922		663	
		12		17			5		
338	9.740 029		9.818 112		0.181 888	9.921 917		662	
		11		16			5		
339	9.740 040		9.818 128		0.181 872	9.921 912		661	
		12		17			5		
.340	9.740 052		9.818 145		0.181 855	9.921 907		.660	
		11		16			5		
341	9.740 063		9.818 161		0.181 839	9.921 902		659	
		12		17			5		
342	9.740 075		9.818 178		0.181 822	9.921 897		658	
		11		16			5		
343	9.740 086		9.818 194		0.181 806	9.921 892		657	
		12		17			5		
344	9.740 098		9.818 211		0.181 789	9.921 887		656	
		11		16			5		
345	9.740 109		9.818 227		0.181 773	9.921 882		655	
		12		17			5		
346	9.740 121		9.818 244		0.181 756	9.921 877		654	
		11		16			5		
347	9.740 132		9.818 260		0.181 740	9.921 872		653	
		12		17			5		
348	9.740 144		9.818 277		0.181 723	9.921 867		652	
		11		16			5		
349	9.740 155		9.818 293		0.181 707	9.921 862		651	
		12		17			5		
.350	9.740 167		9.818 310		0.181 690	9.921 857		.650	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.700 — 56°.650

33°.350 — 33°.400

33°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.740 167		9.818 310		0.181 690	9.921 857		**.650**	
		11		16			5		
351	9.740 178		9.818 326		0.181 674	9.921 852		649	
		12		17			5		
352	9.740 190		9.818 343		0.181 657	9.921 847		648	
		11		16			5		
353	9.740 201		9.818 359		0.181 641	9.921 842		647	
		12		17			5		
354	9.740 213		9.818 376		0.181 624	9.921 837		646	
		11		16			5		
355	9.740 224		9.818 392		0.181 608	9.921 832		645	
		12		17			5		
356	9.740 236		9.818 409		0.181 591	9.921 827		644	
		11		16			5		
357	9.740 247		9.818 425		0.181 575	9.921 822		643	
		12		17			5		
358	9.740 259		9.818 442		0.181 558	9.921 817		642	
		11		16			5		
359	9.740 270		9.818 458		0.181 542	9.921 812		641	
		12		17			5		
.360	9.740 282		9.818 475		0.181 525	9.921 807		**.640**	
		11		16			5		
361	9.740 293		9.818 491		0.181 509	9.921 802		639	
		12		17			5		
362	9.740 305		9.818 508		0.181 492	9.921 797		638	
		11		16			5		
363	9.740 316		9.818 524		0.181 476	9.921 792		637	
		12		17			5		
364	9.740 328		9.818 541		0.181 459	9.921 787		636	
		12		16			5		
365	9.740 340		9.818 557		0.181 443	9.921 782		635	
		11		17			5		
366	9.740 351		9.818 574		0.181 426	9.921 777		634	
		12		16			5		
367	9.740 363		9.818 590		0.181 410	9.921 772		633	
		11		17			5		
368	9.740 374		9.818 607		0.181 393	9.921 767		632	
		12		16			5		
369	9.740 386		9.818 623		0.181 377	9.921 762		631	
		11		17			5		
.370	9.740 397		9.818 640		0.181 360	9.921 757		**.630**	
		12		16			5		
371	9.740 409		9.818 656		0.181 344	9.921 752		629	
		11		17			5		
372	9.740 420		9.818 673		0.181 327	9.921 747		628	
		12		16			5		
373	9.740 432		9.818 689		0.181 311	9.921 742		627	
		11		17			5		
374	9.740 443		9.818 706		0.181 294	9.921 737		626	
		12		16			5		
375	9.740 455		9.818 722		0.181 278	9.921 732		625	
		11		17			5		
376	9.740 466		9.818 739		0.181 261	9.921 727		624	
		12		16			5		
377	9.740 478		9.818 755		0.181 245	9.921 722		623	
		11		17			5		
378	9.740 489		9.818 772		0.181 228	9.921 717		622	
		12		16			5		
379	9.740 501		9.818 788		0.181 212	9.921 712		621	
		11		17			5		
.380	9.740 512		9.818 805		0.181 195	9.921 707		**.620**	
		12		16			5		
381	9.740 524		9.818 821		0.181 179	9.921 702		619	
		11		17			5		
382	9.740 535		9.818 838		0.181 162	9.921 697		618	
		12		16			5		
383	9.740 547		9.818 854		0.181 146	9.921 692		617	
		11		17			5		
384	9.740 558		9.818 871		0.181 129	9.921 687		616	
		12		16			5		
385	9.740 570		9.818 887		0.181 113	9.921 682		615	
		11		17			5		
386	9.740 581		9.818 904		0.181 096	9.921 677		614	
		12		16			5		
387	9.740 593		9.818 920		0.181 080	9.921 672		613	
		11		17			5		
388	9.740 604		9.818 937		0.181 063	9.921 667		612	
		12		16			5		
389	9.740 616		9.818 953		0.181 047	9.921 662		611	
		11		17			5		
.390	9.740 627		9.818 970		0.181 030	9.921 657		**.610**	
		12		16			5		
391	9.740 639		9.818 986		0.181 014	9.921 652		609	
		11		17			5		
392	9.740 650		9.819 003		0.180 997	9.921 647		608	
		12		16			5		
393	9.740 662		9.819 019		0.180 981	9.921 642		607	
		11		17			5		
394	9.740 673		9.819 036		0.180 964	9.921 637		606	
		12		16			5		
395	9.740 685		9.819 052		0.180 948	9.921 632		605	
		11		17			5		
396	9.740 696		9.819 069		0.180 931	9.921 627		604	
		12		16			5		
397	9.740 708		9.819 085		0.180 915	9.921 622		603	
		11		17			5		
398	9.740 719		9.819 102		0.180 898	9.921 617		602	
		12		16			5		
399	9.740 731		9.819 118		0.180 882	9.921 612		601	
		11		17			5		
.400	9.740 742		9.819 135		0.180 865	9.921 607		**.600**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.650 — 56°.600

33°.400 — 33°.450

33°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.740 742		9.819 135		0.180 865	9.921 607		.600	
		12		16			5		
401	9.740 754		9.819 151		0.180 849	9.921 602		599	
		11		17			5		
402	9.740 765		9.819 168		0.180 832	9.921 597		598	
		12		16			5		
403	9.740 777		9.819 184		0.180 816	9.921 592		597	
		11		17			5		
404	9.740 788		9.819 201		0.180 799	9.921 587		596	
		12		16			5		
405	9.740 800		9.819 217		0.180 783	9.921 582		595	
		11		17			5		
406	9.740 811		9.819 234		0.180 766	9.921 577		594	
		12		16			5		
407	9.740 823		9.819 250		0.180 750	9.921 572		593	
		11		17			5		
408	9.740 834		9.819 267		0.180 733	9.921 567		592	
		12		16			5		
409	9.740 846		9.819 283		0.180 717	9.921 562		591	
		11		17			5		
.410	9.740 857		9.819 300		0.180 700	9.921 557		.590	
		12		16			5		
411	9.740 869		9.819 316		0.180 684	9.921 552		589	
		11		17			5		
412	9.740 880		9.819 333		0.180 667	9.921 547		588	
		12		16			5		
413	9.740 892		9.819 349		0.180 651	9.921 542		587	
		11		17			5		
414	9.740 903		9.819 366		0.180 634	9.921 537		586	
		12		16			5		
415	9.740 915		9.819 382		0.180 618	9.921 532		585	
		11		17			5		
416	9.740 926		9.819 399		0.180 601	9.921 527		584	
		11		16			5		
417	9.740 937		9.819 415		0.180 585	9.921 522		583	
		12		17			5		
418	9.740 949		9.819 432		0.180 568	9.921 517		582	
		11		16			5		
419	9.740 960		9.819 448		0.180 552	9.921 512		581	
		12		17			5		
.420	9.740 972		9.819 465		0.180 535	9.921 507		.580	
		11		16			5		
421	9.740 983		9.819 481		0.180 519	9.921 502		579	
		12		17			5		
422	9.740 995		9.819 498		0.180 502	9.921 497		578	
		11		16			5		
423	9.741 006		9.819 514		0.180 486	9.921 492		577	
		12		17			5		
424	9.741 018		9.819 531		0.180 469	9.921 487		576	
		11		16			5		
425	9.741 029		9.819 547		0.180 453	9.921 482		575	
		12		17			5		
426	9.741 041		9.819 564		0.180 436	9.921 477		574	
		11		16			5		
427	9.741 052		9.819 580		0.180 420	9.921 472		573	
		12		17			5		
428	9.741 064		9.819 597		0.180 403	9.921 467		572	
		11		16			5		
429	9.741 075		9.819 613		0.180 387	9.921 462		571	
		12		16			5		
.430	9.741 087		9.819 629		0.180 371	9.921 457		.570	
		11		17			5		
431	9.741 098		9.819 646		0.180 354	9.921 452		569	
		12		16			5		
432	9.741 110		9.819 662		0.180 338	9.921 447		568	
		11		17			5		
433	9.741 121		9.819 679		0.180 321	9.921 442		567	
		12		16			5		
434	9.741 133		9.819 695		0.180 305	9.921 437		566	
		11		17			5		
435	9.741 144		9.819 712		0.180 288	9.921 432		565	
		12		16			5		
436	9.741 156		9.819 728		0.180 272	9.921 427		564	
		11		17			5		
437	9.741 167		9.819 745		0.180 255	9.921 422		563	
		12		16			5		
438	9.741 179		9.819 761		0.180 239	9.921 417		562	
		11		17			5		
439	9.741 190		9.819 778		0.180 222	9.921 412		561	
		12		16			5		
.440	9.741 202		9.819 794		0.180 206	9.921 407		.560	
		11		17			5		
441	9.741 213		9.819 811		0.180 189	9.921 402		559	
		12		16			5		
442	9.741 225		9.819 827		0.180 173	9.921 397		558	
		11		17			5		
443	9.741 236		9.819 844		0.180 156	9.921 392		557	
		12		16			5		
444	9.741 248		9.819 860		0.180 140	9.921 387		556	
		11		17			5		
445	9.741 259		9.819 877		0.180 123	9.921 382		555	
		11		16			5		
446	9.741 270		9.819 893		0.180 107	9.921 377		554	
		12		17			5		
447	9.741 282		9.819 910		0.180 090	9.921 372		553	
		11		16			5		
448	9.741 293		9.819 926		0.180 074	9.921 367		552	
		12		17			5		
449	9.741 305		9.819 943		0.180 057	9.921 362		551	
		11		16			5		
.450	9.741 316		9.819 959		0.180 041	9.921 357		.550	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.600 — 56°.550

33°.450 — 33°.500

33°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.741 316		9.819 959		0.180 041	9.921 357		**.550**	
		12		17			5		
451	9.741 328		9.819 976		0.180 024	9.921 352		549	
		11		16			5		
452	9.741 339		9.819 992		0.180 008	9.921 347		548	
		12		17			5		
453	9.741 351		9.820 009		0.179 991	9.921 342		547	
		11		16			5		
454	9.741 362		9.820 025		0.179 975	9.921 337		546	
		12		17			5		
455	9.741 374		9.820 042		0.179 958	9.921 332		545	
		11		16			5		
456	9.741 385		9.820 058		0.179 942	9.921 327		544	
		12		17			5		
457	9.741 397		9.820 075		0.179 925	9.921 322		543	
		11		16			5		
458	9.741 408		9.820 091		0.179 909	9.921 317		542	
		12		16			5		
459	9.741 420		9.820 107		0.179 893	9.921 312		541	
		11		17			5		
.460	9.741 431		9.820 124		0.179 876	9.921 307		**.540**	
		12		16			5		
461	9.741 443		9.820 140		0.179 860	9.921 302		539	
		11		17			5		
462	9.741 454		9.820 157		0.179 843	9.921 297		538	
		11		16			5		
463	9.741 465		9.820 173		0.179 827	9.921 292		537	
		12		17			5		
464	9.741 477		9.820 190		0.179 810	9.921 287		536	
		11		16			5		
465	9.741 488		9.820 206		0.179 794	9.921 282		535	
		12		17			5		
466	9.741 500		9.820 223		0.179 777	9.921 277		534	
		11		16			5		
467	9.741 511		9.820 239		0.179 761	9.921 272		533	
		12		17			5		
468	9.741 523		9.820 256		0.179 744	9.921 267		532	
		11		16			5		
469	9.741 534		9.820 272		0.179 728	9.921 262		531	
		12		17			5		
.470	9.741 546		9.820 289		0.179 711	9.921 257		**.530**	
		11		16			5		
471	9.741 557		9.820 305		0.179 695	9.921 252		529	
		12		17			5		
472	9.741 569		9.820 322		0.179 678	9.921 247		528	
		11		16			5		
473	9.741 580		9.820 338		0.179 662	9.921 242		527	
		12		17			5		
474	9.741 592		9.820 355		0.179 645	9.921 237		526	
		11		16			5		
475	9.741 603		9.820 371		0.179 629	9.921 232		525	
		12		17			5		
476	9.741 615		9.820 388		0.179 612	9.921 227		524	
		11		16			5		
477	9.741 626		9.820 404		0.179 596	9.921 222		523	
		11		17			5		
478	9.741 637		9.820 421		0.179 579	9.921 217		522	
		12		16			5		
479	9.741 649		9.820 437		0.179 563	9.921 212		521	
		11		16			5		
.480	9.741 660		9.820 453		0.179 547	9.921 207		**.520**	
		12		17			5		
481	9.741 672		9.820 470		0.179 530	9.921 202		519	
		11		16			5		
482	9.741 683		9.820 486		0.179 514	9.921 197		518	
		12		17			5		
483	9.741 695		9.820 503		0.179 497	9.921 192		517	
		11		16			5		
484	9.741 706		9.820 519		0.179 481	9.921 187		516	
		12		17			5		
485	9.741 718		9.820 536		0.179 464	9.921 182		515	
		11		16			5		
486	9.741 729		9.820 552		0.179 448	9.921 177		514	
		12		17			5		
487	9.741 741		9.820 569		0.179 431	9.921 172		513	
		11		16			5		
488	9.741 752		9.820 585		0.179 415	9.921 167		512	
		11		17			5		
489	9.741 763		9.820 602		0.179 398	9.921 162		511	
		12		16			5		
.490	9.741 775		9.820 618		0.179 382	9.921 157		**.510**	
		11		17			5		
491	9.741 786		9.820 635		0.179 365	9.921 152		509	
		12		16			5		
492	9.741 798		9.820 651		0.179 349	9.921 147		508	
		11		17			5		
493	9.741 809		9.820 668		0.179 332	9.921 142		507	
		12		16			5		
494	9.741 821		9.820 684		0.179 316	9.921 137		506	
		11		17			5		
495	9.741 832		9.820 701		0.179 299	9.921 132		505	
		12		16			5		
496	9.741 844		9.820 717		0.179 283	9.921 127		504	
		11		16			5		
497	9.741 855		9.820 733		0.179 267	9.921 122		503	
		12		17			5		
498	9.741 867		9.820 750		0.179 250	9.921 117		502	
		11		16			5		
499	9.741 878		9.820 766		0.179 234	9.921 112		501	
		11		17			5		
.500	9.741 889		9.820 783		0.179 217	9.921 107		**.500**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.550 — 56°.500

33°.500 — 33°.550

33°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.741 889	12	9.820 783	16	0.179 217	9.921 107	5	.500	
501	9.741 901	11	9.820 799	17	0.179 201	9.921 102	5	499	
502	9.741 912	12	9.820 816	16	0.179 184	9.921 097	5	498	
503	9.741 924	11	9.820 832	17	0.179 168	9.921 092	5	497	
504	9.741 935	12	9.820 849	16	0.179 151	9.921 087	5	496	
505	9.741 947	11	9.820 865	17	0.179 135	9.921 082	6	495	
506	9.741 958	12	9.820 882	16	0.179 118	9.921 076	5	494	
507	9.741 970	11	9.820 898	17	0.179 102	9.921 071	5	493	
508	9.741 981	12	9.820 915	16	0.179 085	9.921 066	5	492	
509	9.741 993	11	9.820 931	17	0.179 069	9.921 061	5	491	
.510	9.742 004	11	9.820 948	16	0.179 052	9.921 056	5	.490	
511	9.742 015	12	9.820 964	17	0.179 036	9.921 051	5	489	
512	9.742 027	11	9.820 981	16	0.179 019	9.921 046	5	488	
513	9.742 038	12	9.820 997	16	0.179 003	9.921 041	5	487	
514	9.742 050	11	9.821 013	17	0.178 987	9.921 036	5	486	
515	9.742 061	12	9.821 030	16	0.178 970	9.921 031	5	485	
516	9.742 073	11	9.821 046	17	0.178 954	9.921 026	5	484	
517	9.742 084	12	9.821 063	16	0.178 937	9.921 021	5	483	
518	9.742 096	11	9.821 079	17	0.178 921	9.921 016	5	482	
519	9.742 107	11	9.821 096	16	0.178 904	9.921 011	5	481	
.520	9.742 118	12	9.821 112	17	0.178 888	9.921 006	5	.480	
521	9.742 130	11	9.821 129	16	0.178 871	9.921 001	5	479	
522	9.742 141	12	9.821 145	17	0.178 855	9.920 996	5	478	
523	9.742 153	11	9.821 162	16	0.178 838	9.920 991	5	477	
524	9.742 164	12	9.821 178	17	0.178 822	9.920 986	5	476	
525	9.742 176	11	9.821 195	16	0.178 805	9.920 981	5	475	
526	9.742 187	12	9.821 211	16	0.178 789	9.920 976	5	474	
527	9.742 199	11	9.821 227	17	0.178 773	9.920 971	5	473	
528	9.742 210	11	9.821 244	16	0.178 756	9.920 966	5	472	
529	9.742 221	12	9.821 260	17	0.178 740	9.920 961	5	471	
.530	9.742 233	11	9.821 277	16	0.178 723	9.920 956	5	.470	
531	9.742 244	12	9.821 293	17	0.178 707	9.920 951	5	469	
532	9.742 256	11	9.821 310	16	0.178 690	9.920 946	5	468	
533	9.742 267	12	9.821 326	17	0.178 674	9.920 941	5	467	
534	9.742 279	11	9.821 343	16	0.178 657	9.920 936	5	466	
535	9.742 290	11	9.821 359	17	0.178 641	9.920 931	5	465	
536	9.742 301	12	9.821 376	16	0.178 624	9.920 926	5	464	
537	9.742 313	11	9.821 392	17	0.178 608	9.920 921	5	463	
538	9.742 324	12	9.821 409	16	0.178 591	9.920 916	5	462	
539	9.742 336	11	9.821 425	16	0.178 575	9.920 911	5	461	
.540	9.742 347	12	9.821 441	17	0.178 559	9.920 906	5	.460	
541	9.742 359	11	9.821 458	16	0.178 542	9.920 901	5	459	
542	9.742 370	12	9.821 474	17	0.178 526	9.920 896	5	458	
543	9.742 382	11	9.821 491	16	0.178 509	9.920 891	5	457	
544	9.742 393	11	9.821 507	17	0.178 493	9.920 886	5	456	
545	9.742 404	12	9.821 524	16	0.178 476	9.920 881	5	455	
546	9.742 416	11	9.821 540	17	0.178 460	9.920 876	5	454	
547	9.742 427	12	9.821 557	16	0.178 443	9.920 871	5	453	
548	9.742 439	11	9.821 573	17	0.178 427	9.920 866	5	452	
549	9.742 450	12	9.821 590	16	0.178 410	9.920 861	5	451	
.550	9.742 462		9.821 606		0.178 394	9.920 856		.450	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.500 — 56°.450

33°.550 — 33°.600

33°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.742 462		9.821 606		0.178 394	9.920 856		**.450**	
		11		17			6		
551	9.742 473		9.821 623		0.178 377	9.920 850		449	
552	9.742 484	11	9.821 639	16	0.178 361	9.920 845	5	448	
553	9.742 496	12	9.821 655	16	0.178 345	9.920 840	5	447	
		11		17			5		
554	9.742 507		9.821 672		0.178 328	9.920 835		446	
555	9.742 519	12	9.821 688	16	0.178 312	9.920 830	5	445	
556	9.742 530	11	9.821 705	17	0.178 295	9.920 825	5	444	
		12		16			5		
557	9.742 542		9.821 721		0.178 279	9.920 820		443	
558	9.742 553	11	9.821 738	17	0.178 262	9.920 815	5	442	
559	9.742 564	11	9.821 754	16	0.178 246	9.920 810	5	441	
		12		17			5		
.560	9.742 576		9.821 771		0.178 229	9.920 805		**.440**	
		11		16			5		
561	9.742 587		9.821 787		0.178 213	9.920 800		439	
562	9.742 599	12	9.821 804	17	0.178 196	9.920 795	5	438	
563	9.742 610	11	9.821 820	16	0.178 180	9.920 790	5	437	
		12		16			5		
564	9.742 622		9.821 836		0.178 164	9.920 785		436	
565	9.742 633	11	9.821 853	17	0.178 147	9.920 780	5	435	
566	9.742 644	11	9.821 869	16	0.178 131	9.920 775	5	434	
		12		17			5		
567	9.742 656		9.821 886		0.178 114	9.920 770		433	
568	9.742 667	11	9.821 902	16	0.178 098	9.920 765	5	432	
569	9.742 679	12	9.821 919	17	0.178 081	9.920 760	5	431	
		11		16			5		
.570	9.742 690		9.821 935		0.178 065	9.920 755		**.430**	
		11		17			5		
571	9.742 701		9.821 952		0.178 048	9.920 750		429	
572	9.742 713	12	9.821 968	16	0.178 032	9.920 745	5	428	
573	9.742 724	11	9.821 984	16	0.178 016	9.920 740	5	427	
		12		17			5		
574	9.742 736		9.822 001		0.177 999	9.920 735		426	
575	9.742 747	11	9.822 017	16	0.177 983	9.920 730	5	425	
576	9.742 759	12	9.822 034	17	0.177 966	9.920 725	5	424	
		11		16			5		
577	9.742 770		9.822 050		0.177 950	9.920 720		423	
578	9.742 781	11	9.822 067	17	0.177 933	9.920 715	5	422	
579	9.742 793	12	9.822 083	16	0.177 917	9.920 710	5	421	
		11		17			5		
.580	9.742 804		9.822 100		0.177 900	9.920 705		**.420**	
		12		16			5		
581	9.742 816		9.822 116		0.177 884	9.920 700		419	
582	9.742 827	11	9.822 133	17	0.177 867	9.920 695	5	418	
583	9.742 839	12	9.822 149	16	0.177 851	9.920 690	5	417	
		11		16			6		
584	9.742 850		9.822 165		0.177 835	9.920 684		416	
585	9.742 861	11	9.822 182	17	0.177 818	9.920 679	5	415	
586	9.742 873	12	9.822 198	16	0.177 802	9.920 674	5	414	
		11		17			5		
587	9.742 884		9.822 215		0.177 785	9.920 669		413	
588	9.742 896	12	9.822 231	16	0.177 769	9.920 664	5	412	
589	9.742 907	11	9.822 248	17	0.177 752	9.920 659	5	411	
		11		16			5		
.590	9.742 918		9.822 264		0.177 736	9.920 654		**.410**	
		12		17			5		
591	9.742 930		9.822 281		0.177 719	9.920 649		409	
592	9.742 941	11	9.822 297	16	0.177 703	9.920 644	5	408	
593	9.742 953	12	9.822 313	16	0.177 687	9.920 639	5	407	
		11		17			5		
594	9.742 964		9.822 330		0.177 670	9.920 634		406	
595	9.742 975	11	9.822 346	16	0.177 654	9.920 629	5	405	
596	9.742 987	12	9.822 363	17	0.177 637	9.920 624	5	404	
		11		16			5		
597	9.742 998		9.822 379		0.177 621	9.920 619		403	
598	9.743 010	12	9.822 396	17	0.177 604	9.920 614	5	402	
599	9.743 021	11	9.822 412	16	0.177 588	9.920 609	5	401	
		12		17			5		
.600	9.743 033		9.822 429		0.177 571	9.920 604		**.400**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.450 — 56°.400

33°.600 — 33°.650

33°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.743 033		9.822 429		0.177 571	9.920 604		**.400**	
		11		16			5		
601	9.743 044		9.822 445		0.177 555	9.920 599		399	
602	9.743 055	11	9.822 461	16	0.177 539	9.920 594	5	398	
603	9.743 067	12	9.822 478	17	0.177 522	9.920 589	5	397	
		11		16			5		
604	9.743 078		9.822 494		0.177 506	9.920 584		396	
605	9.743 090	12	9.822 511	17	0.177 489	9.920 579	5	395	
606	9.743 101	11	9.822 527	16	0.177 473	9.920 574	5	394	
		11		17			5		
607	9.743 112		9.822 544		0.177 456	9.920 569		393	
608	9.743 124	12	9.822 560	16	0.177 440	9.920 564	5	392	
609	9.743 135	11	9.822 577	17	0.177 423	9.920 559	5	391	
		12		16			5		
.610	9.743 147		9.822 593		0.177 407	9.920 554		**.390**	
		11		16			5		
611	9.743 158		9.822 609		0.177 391	9.920 549		389	
612	9.743 169	11	9.822 626	17	0.177 374	9.920 543	6	388	
613	9.743 181	12	9.822 642	16	0.177 358	9.920 538	5	387	
		11		17			5		
614	9.743 192		9.822 659		0.177 341	9.920 533		386	
615	9.743 204	12	9.822 675	16	0.177 325	9.920 528	5	385	
616	9.743 215	11	9.822 692	17	0.177 308	9.920 523	5	384	
		11		16			5		
617	9.743 226		9.822 708		0.177 292	9.920 518		383	
618	9.743 238	12	9.822 725	17	0.177 275	9.920 513	5	382	
619	9.743 249	11	9.822 741	16	0.177 259	9.920 508	5	381	
		12		16			5		
.620	9.743 261		9.822 757		0.177 243	9.920 503		**.380**	
		11		17			5		
621	9.743 272		9.822 774		0.177 226	9.920 498		379	
622	9.743 283	11	9.822 790	16	0.177 210	9.920 493	5	378	
623	9.743 295	12	9.822 807	17	0.177 193	9.920 488	5	377	
		11		16			5		
624	9.743 306		9.822 823		0.177 177	9.920 483		376	
625	9.743 318	12	9.822 840	17	0.177 160	9.920 478	5	375	
626	9.743 329	11	9.822 856	16	0.177 144	9.920 473	5	374	
		11		17			5		
627	9.743 340		9.822 873		0.177 127	9.920 468		373	
628	9.743 352	12	9.822 889	16	0.177 111	9.920 463	5	372	
629	9.743 363	11	9.822 905	16	0.177 095	9.920 458	5	371	
		12		17			5		
.630	9.743 375		9.822 922		0.177 078	9.920 453		**.370**	
		11		16			5		
631	9.743 386		9.822 938		0.177 062	9.920 448		369	
632	9.743 397	11	9.822 955	17	0.177 045	9.920 443	5	368	
633	9.743 409	12	9.822 971	16	0.177 029	9.920 438	5	367	
		11		17			5		
634	9.743 420		9.822 988		0.177 012	9.920 433		366	
635	9.743 432	12	9.823 004	16	0.176 996	9.920 428	5	365	
636	9.743 443	11	9.823 020	16	0.176 980	9.920 423	5	364	
		11		17			6		
637	9.743 454		9.823 037		0.176 963	9.920 417		363	
638	9.743 466	12	9.823 053	16	0.176 947	9.920 412	5	362	
639	9.743 477	11	9.823 070	17	0.176 930	9.920 407	5	361	
		12		16			5		
.640	9.743 489		9.823 086		0.176 914	9.920 402		**.360**	
		11		17			5		
641	9.743 500		9.823 103		0.176 897	9.920 397		359	
642	9.743 511	11	9.823 119	16	0.176 881	9.920 392	5	358	
643	9.743 523	12	9.823 135	16	0.176 865	9.920 387	5	357	
		11		17			5		
644	9.743 534		9.823 152		0.176 848	9.920 382		356	
645	9.743 545	11	9.823 168	16	0.176 832	9.920 377	5	355	
646	9.743 557	12	9.823 185	17	0.176 815	9.920 372	5	354	
		11		16			5		
647	9.743 568		9.823 201		0.176 799	9.920 367		353	
648	9.743 580	12	9.823 218	17	0.176 782	9.920 362	5	352	
649	9.743 591	11	9.823 234	16	0.176 766	9.920 357	5	351	
		11		17			5		
.650	9.743 602		9.823 251		0.176 749	9.920 352		**.350**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.400 — 56°.350

33°.650 — 33°.700

33°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.743 602	12	9.823 251	16	0.176 749	9.920 352	5	.350	
651	9.743 614	11	9.823 267	16	0.176 733	9.920 347	5	349	
652	9.743 625	12	9.823 283	17	0.176 717	9.920 342	5	348	
653	9.743 637	11	9.823 300	16	0.176 700	9.920 337	5	347	
654	9.743 648	11	9.823 316	17	0.176 684	9.920 332	5	346	
655	9.743 659	12	9.823 333	16	0.176 667	9.920 327	5	345	
656	9.743 671	11	9.823 349	17	0.176 651	9.920 322	5	344	
657	9.743 682	11	9.823 366	16	0.176 634	9.920 317	5	343	
658	9.743 693	12	9.823 382	16	0.176 618	9.920 312	5	342	
659	9.743 705	11	9.823 398	17	0.176 602	9.920 306	6	341	
.660	9.743 716	12	9.823 415	16	0.176 585	9.920 301	5	.340	
661	9.743 728	11	9.823 431	17	0.176 569	9.920 296	5	339	
662	9.743 739	11	9.823 448	16	0.176 552	9.920 291	5	338	
663	9.743 750	12	9.823 464	17	0.176 536	9.920 286	5	337	
664	9.743 762	11	9.823 481	16	0.176 519	9.920 281	5	336	
665	9.743 773	12	9.823 497	16	0.176 503	9.920 276	5	335	
666	9.743 785	11	9.823 513	17	0.176 487	9.920 271	5	334	
667	9.743 796	11	9.823 530	16	0.176 470	9.920 266	5	333	
668	9.743 807	12	9.823 546	17	0.176 454	9.920 261	5	332	
669	9.743 819	11	9.823 563	16	0.176 437	9.920 256	5	331	
.670	9.743 830	11	9.823 579	17	0.176 421	9.920 251	5	.330	
671	9.743 841	12	9.823 596	16	0.176 404	9.920 246	5	329	
672	9.743 853	11	9.823 612	16	0.176 388	9.920 241	5	328	
673	9.743 864	12	9.823 628	17	0.176 372	9.920 236	5	327	
674	9.743 876	11	9.823 645	16	0.176 355	9.920 231	5	326	
675	9.743 887	11	9.823 661	17	0.176 339	9.920 226	5	325	
676	9.743 898	12	9.823 678	16	0.176 322	9.920 221	5	324	
677	9.743 910	11	9.823 694	17	0.176 306	9.920 216	5	323	
678	9.743 921	11	9.823 711	16	0.176 289	9.920 211	5	322	
679	9.743 932	12	9.823 727	16	0.176 273	9.920 205	6	321	
.680	9.743 944	11	9.823 743	17	0.176 257	9.920 200	5	.320	
681	9.743 955	12	9.823 760	16	0.176 240	9.920 195	5	319	
682	9.743 967	11	9.823 776	17	0.176 224	9.920 190	5	318	
683	9.743 978	11	9.823 793	16	0.176 207	9.920 185	5	317	
684	9.743 989	12	9.823 809	17	0.176 191	9.920 180	5	316	
685	9.744 001	11	9.823 826	16	0.176 174	9.920 175	5	315	
686	9.744 012	11	9.823 842	16	0.176 158	9.920 170	5	314	
687	9.744 023	12	9.823 858	17	0.176 142	9.920 165	5	313	
688	9.744 035	11	9.823 875	16	0.176 125	9.920 160	5	312	
689	9.744 046	12	9.823 891	17	0.176 109	9.920 155	5	311	
.690	9.744 058	11	9.823 908	16	0.176 092	9.920 150	5	.310	
691	9.744 069	11	9.823 924	16	0.176 076	9.920 145	5	309	
692	9.744 080	12	9.823 940	17	0.176 060	9.920 140	5	308	
693	9.744 092	11	9.823 957	16	0.176 043	9.920 135	5	307	
694	9.744 103	11	9.823 973	17	0.176 027	9.920 130	5	306	
695	9.744 114	12	9.823 990	16	0.176 010	9.920 125	5	305	
696	9.744 126	11	9.824 006	17	0.175 994	9.920 120	5	304	
697	9.744 137	11	9.824 023	16	0.175 977	9.920 115	6	303	
698	9.744 148	12	9.824 039	16	0.175 961	9.920 109	5	302	
699	9.744 160	11	9.824 055	17	0.175 945	9.920 104	5	301	
.700	9.744 171		9.824 072		0.175 928	9.920 099		.300	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.350 — 56°.300

33°.700 — 33°.750

33°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.744 171		9.824 072		0.175 928	9.920 099		.300	
		12		16			5		
701	9.744 183		9.824 088		0.175 912	9.920 094		299	
702	9.744 194	11	9.824 105	17	0.175 895	9.920 089	5	298	
703	9.744 205	11	9.824 121	16	0.175 879	9.920 084	5	297	
		12		17			5		
704	9.744 217		9.824 138	16	0.175 862	9.920 079		296	
705	9.744 228	11	9.824 154	16	0.175 846	9.920 074	5	295	
706	9.744 239	11	9.824 170	16	0.175 830	9.920 069	5	294	
		12		17			5		
707	9.744 251		9.824 187	16	0.175 813	9.920 064		293	
708	9.744 262	11	9.824 203	17	0.175 797	9.920 059	5	292	
709	9.744 274	12	9.824 220	16	0.175 780	9.920 054	5	291	
		11		16			5		
.710	9.744 285		9.824 236		0.175 764	9.920 049		.290	
		11		16			5		
711	9.744 296		9.824 252		0.175 748	9.920 044		289	
712	9.744 308	12	9.824 269	17	0.175 731	9.920 039	5	288	
713	9.744 319	11	9.824 285	16	0.175 715	9.920 034	5	287	
		11		17			5		
714	9.744 330		9.824 302		0.175 698	9.920 029		286	
715	9.744 342	12	9.824 318	16	0.175 682	9.920 024	5	285	
716	9.744 353	11	9.824 335	17	0.175 665	9.920 018	6	284	
		11		16			5		
717	9.744 364		9.824 351		0.175 649	9.920 013		283	
718	9.744 376	12	9.824 367	16	0.175 633	9.920 008	5	282	
719	9.744 387	11	9.824 384	17	0.175 616	9.920 003	5	281	
		11		16			5		
.720	9.744 398		9.824 400		0.175 600	9.919 998		.280	
		12		17			5		
721	9.744 410		9.824 417		0.175 583	9.919 993		279	
722	9.744 421	11	9.824 433	16	0.175 567	9.919 988	5	278	
723	9.744 433	12	9.824 449	16	0.175 551	9.919 983	5	277	
		11		17			5		
724	9.744 444		9.824 466		0.175 534	9.919 978		276	
725	9.744 455	11	9.824 482	16	0.175 518	9.919 973	5	275	
726	9.744 467	12	9.824 499	17	0.175 501	9.919 968	5	274	
		11		16			5		
727	9.744 478		9.824 515		0.175 485	9.919 963		273	
728	9.744 489	11	9.824 532	17	0.175 468	9.919 958	5	272	
729	9.744 501	12	9.824 548	16	0.175 452	9.919 953	5	271	
		11		16			5		
.730	9.744 512		9.824 564		0.175 436	9.919 948		.270	
		11		17			5		
731	9.744 523		9.824 581		0.175 419	9.919 943		269	
732	9.744 535	12	9.824 597	16	0.175 403	9.919 938	5	268	
733	9.744 546	11	9.824 614	17	0.175 386	9.919 932	6	267	
		11		16			5		
734	9.744 557		9.824 630		0.175 370	9.919 927		266	
735	9.744 569	12	9.824 646	16	0.175 354	9.919 922	5	265	
736	9.744 580	11	9.824 663	17	0.175 337	9.919 917	5	264	
		11		16			5		
737	9.744 591		9.824 679		0.175 321	9.919 912		263	
738	9.744 603	12	9.824 696	17	0.175 304	9.919 907	5	262	
739	9.744 614	11	9.824 712	16	0.175 288	9.919 902	5	261	
		12		16			5		
.740	9.744 626		9.824 728		0.175 272	9.919 897		.260	
		11		17			5		
741	9.744 637		9.824 745		0.175 255	9.919 892		259	
742	9.744 648	11	9.824 761	16	0.175 239	9.919 887	5	258	
743	9.744 660	12	9.824 778	17	0.175 222	9.919 882	5	257	
		11		16			5		
744	9.744 671		9.824 794		0.175 206	9.919 877		256	
745	9.744 682	11	9.824 811	17	0.175 189	9.919 872	5	255	
746	9.744 694	12	9.824 827	16	0.175 173	9.919 867	5	254	
		11		16			5		
747	9.744 705		9.824 843		0.175 157	9.919 862		253	
748	9.744 716	11	9.824 860	17	0.175 140	9.919 857	5	252	
749	9.744 728	12	9.824 876	16	0.175 124	9.919 851	6	251	
		11		17			5		
.750	9.744 739		9.824 893		0.175 107	9.919 846		.250	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.300 — 56°.250

33°.750 — 33°.800

33°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.744 739		9.824 893		0.175 107	9.919 846		.250	
		11		16			5		
751	9.744 750		9.824 909		0.175 091	9.919 841		249	
		12		16			5		
752	9.744 762		9.824 925		0.175 075	9.919 836		248	
		11		17			5		
753	9.744 773		9.824 942		0.175 058	9.919 831		247	
		11		16			5		
754	9.744 784		9.824 958		0.175 042	9.919 826		246	
		12		17			5		
755	9.744 796		9.824 975		0.175 025	9.919 821		245	
		11		16			5		
756	9.744 807		9.824 991		0.175 009	9.919 816		244	
		11		16			5		
757	9.744 818		9.825 007		0.174 993	9.919 811		243	
		12		17			5		
758	9.744 830		9.825 024		0.174 976	9.919 806		242	
		11		16			5		
759	9.744 841		9.825 040		0.174 960	9.919 801		241	
		11		17			5		
.760	9.744 852		9.825 057		0.174 943	9.919 796		.240	
		12		16			5		
761	9.744 864		9.825 073		0.174 927	9.919 791		239	
		11		16			5		
762	9.744 875		9.825 089		0.174 911	9.919 786		238	
		11		17			5		
763	9.744 886		9.825 106		0.174 894	9.919 781		237	
		12		16			6		
764	9.744 898		9.825 122		0.174 878	9.919 775		236	
		11		17			5		
765	9.744 909		9.825 139		0.174 861	9.919 770		235	
		11		16			5		
766	9.744 920		9.825 155		0.174 845	9.919 765		234	
		12		17			5		
767	9.744 932		9.825 172		0.174 828	9.919 760		233	
		11		16			5		
768	9.744 943		9.825 188		0.174 812	9.919 755		232	
		11		16			5		
769	9.744 954		9.825 204		0.174 796	9.919 750		231	
		12		17			5		
.770	9.744 966		9.825 221		0.174 779	9.919 745		.230	
		11		16			5		
771	9.744 977		9.825 237		0.174 763	9.919 740		229	
		11		17			5		
772	9.744 988		9.825 254		0.174 746	9.919 735		228	
		12		16			5		
773	9.745 000		9.825 270		0.174 730	9.919 730		227	
		11		16			5		
774	9.745 011		9.825 286		0.174 714	9.919 725		226	
		11		17			5		
775	9.745 022		9.825 303		0.174 697	9.919 720		225	
		12		16			5		
776	9.745 034		9.825 319		0.174 681	9.919 715		224	
		11		17			5		
777	9.745 045		9.825 336		0.174 664	9.919 710		223	
		11		16			6		
778	9.745 056		9.825 352		0.174 648	9.919 704		222	
		12		16			5		
779	9.745 068		9.825 368		0.174 632	9.919 699		221	
		11		17			5		
.780	9.745 079		9.825 385		0.174 615	9.919 694		.220	
		11		16			5		
781	9.745 090		9.825 401		0.174 599	9.919 689		219	
		12		17			5		
782	9.745 102		9.825 418		0.174 582	9.919 684		218	
		11		16			5		
783	9.745 113		9.825 434		0.174 566	9.919 679		217	
		11		16			5		
784	9.745 124		9.825 450		0.174 550	9.919 674		216	
		12		17			5		
785	9.745 136		9.825 467		0.174 533	9.919 669		215	
		11		16			5		
786	9.745 147		9.825 483		0.174 517	9.919 664		214	
		11		17			5		
787	9.745 158		9.825 500		0.174 500	9.919 659		213	
		12		16			5		
788	9.745 170		9.825 516		0.174 484	9.919 654		212	
		11		16			5		
789	9.745 181		9.825 532		0.174 468	9.919 649		211	
		11		17			5		
.790	9.745 192		9.825 549		0.174 451	9.919 644		.210	
		12		16			5		
791	9.745 204		9.825 565		0.174 435	9.919 639		209	
		11		17			6		
792	9.745 215		9.825 582		0.174 418	9.919 633		208	
		11		16			5		
793	9.745 226		9.825 598		0.174 402	9.919 628		207	
		12		16			5		
794	9.745 238		9.825 614		0.174 386	9.919 623		206	
		11		17			5		
795	9.745 249		9.825 631		0.174 369	9.919 618		205	
		11		16			5		
796	9.745 260		9.825 647		0.174 353	9.919 613		204	
		12		17			5		
797	9.745 272		9.825 664		0.174 336	9.919 608		203	
		11		16			5		
798	9.745 283		9.825 680		0.174 320	9.919 603		202	
		11		16			5		
799	9.745 294		9.825 696		0.174 304	9.919 598		201	
		12		17			5		
.800	9.745 306		9.825 713		0.174 287	9.919 593		.200	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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8	13.6	12.8
9	15.3	14.4

	12	11
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7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

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6	3.6	3.0
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8	4.8	4.0
9	5.4	4.5

56°.250 — 56°.200

33°.800 — 33°.850

33°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.745 306	11	9.825 713	16	0.174 287	9.919 593	5	**.200**	
801	9.745 317	11	9.825 729	17	0.174 271	9.919 588	5	199	
802	9.745 328	12	9.825 746	16	0.174 254	9.919 583	5	198	
803	9.745 340	11	9.825 762	16	0.174 238	9.919 578	5	197	
804	9.745 351	11	9.825 778	17	0.174 222	9.919 573	5	196	
805	9.745 362	12	9.825 795	16	0.174 205	9.919 568	5	195	
806	9.745 374	11	9.825 811	17	0.174 189	9.919 562	6	194	
807	9.745 385	11	9.825 828	16	0.174 172	9.919 557	5	193	
808	9.745 396	12	9.825 844	16	0.174 156	9.919 552	5	192	
809	9.745 408	11	9.825 860	17	0.174 140	9.919 547	5	191	
.810	9.745 419	11	9.825 877	16	0.174 123	9.919 542	5	**.190**	
811	9.745 430	11	9.825 893	16	0.174 107	9.919 537	5	189	
812	9.745 441	12	9.825 909	17	0.174 091	9.919 532	5	188	
813	9.745 453	11	9.825 926	16	0.174 074	9.919 527	5	187	
814	9.745 464	11	9.825 942	17	0.174 058	9.919 522	5	186	
815	9.745 475	12	9.825 959	16	0.174 041	9.919 517	5	185	
816	9.745 487	11	9.825 975	16	0.174 025	9.919 512	5	184	
817	9.745 498	11	9.825 991	17	0.174 009	9.919 507	5	183	
818	9.745 509	12	9.826 008	16	0.173 992	9.919 502	5	182	
819	9.745 521	11	9.826 024	16	0.173 976	9.919 496	6	181	
.820	9.745 532	11	9.826 041	17	0.173 959	9.919 491	5	**.180**	
821	9.745 543	12	9.826 057	16	0.173 943	9.919 486	5	179	
822	9.745 555	11	9.826 073	16	0.173 927	9.919 481	5	178	
823	9.745 566	11	9.826 090	17	0.173 910	9.919 476	5	177	
824	9.745 577	12	9.826 106	16	0.173 894	9.919 471	5	176	
825	9.745 589	11	9.826 123	17	0.173 877	9.919 466	5	175	
826	9.745 600	11	9.826 139	16	0.173 861	9.919 461	5	174	
827	9.745 611	12	9.826 155	16	0.173 845	9.919 456	5	173	
828	9.745 623	11	9.826 172	17	0.173 828	9.919 451	5	172	
829	9.745 634	11	9.826 188	16	0.173 812	9.919 446	5	171	
.830	9.745 645	11	9.826 205	17	0.173 795	9.919 441	5	**.170**	
831	9.745 656	12	9.826 221	16	0.173 779	9.919 436	5	169	
832	9.745 668	11	9.826 237	16	0.173 763	9.919 430	6	168	
833	9.745 679	11	9.826 254	17	0.173 746	9.919 425	5	167	
834	9.745 690	12	9.826 270	16	0.173 730	9.919 420	5	166	
835	9.745 702	11	9.826 286	16	0.173 714	9.919 415	5	165	
836	9.745 713	11	9.826 303	17	0.173 697	9.919 410	5	164	
837	9.745 724	12	9.826 319	16	0.173 681	9.919 405	5	163	
838	9.745 736	11	9.826 336	17	0.173 664	9.919 400	5	162	
839	9.745 747	11	9.826 352	16	0.173 648	9.919 395	5	161	
.840	9.745 758	12	9.826 368	16	0.173 632	9.919 390	5	**.160**	
841	9.745 770	11	9.826 385	17	0.173 615	9.919 385	5	159	
842	9.745 781	11	9.826 401	16	0.173 599	9.919 380	5	158	
843	9.745 792	11	9.826 418	17	0.173 582	9.919 375	5	157	
844	9.745 803	12	9.826 434	16	0.173 566	9.919 369	6	156	
845	9.745 815	11	9.826 450	16	0.173 550	9.919 364	5	155	
846	9.745 826	11	9.826 467	17	0.173 533	9.919 359	5	154	
847	9.745 837	12	9.826 483	16	0.173 517	9.919 354	5	153	
848	9.745 849	11	9.826 500	17	0.173 500	9.919 349	5	152	
849	9.745 860	11	9.826 516	16	0.173 484	9.919 344	5	151	
.850	9.745 871	11	9.826 532	16	0.173 468	9.919 339	5	**.150**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
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6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
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6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.200 — 56°.150

33°.850 — 33°.900

33°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.745 871		9.826 532		0.173 468	9.919 339		.150	
		12		17			5		
851	9.745 883		9.826 549		0.173 451	9.919 334		149	
		11		16			5		
852	9.745 894		9.826 565		0.173 435	9.919 329		148	
		11		16			5		
853	9.745 905		9.826 581		0.173 419	9.919 324		147	
		11		17			5		
854	9.745 916		9.826 598		0.173 402	9.919 319		146	
		12		16			5		
855	9.745 928		9.826 614		0.173 386	9.919 314		145	
		11		17			6		
856	9.745 939		9.826 631		0.173 369	9.919 308		144	
		11		16			5		
857	9.745 950		9.826 647		0.173 353	9.919 303		143	
		12		16			5		
858	9.745 962		9.826 663		0.173 337	9.919 298		142	
		11		17			5		
859	9.745 973		9.826 680		0.173 320	9.919 293		141	
		11		16			5		
.860	9.745 984		9.826 696		0.173 304	9.919 288		.140	
		12		17			5		
861	9.745 996		9.826 713		0.173 287	9.919 283		139	
		11		16			5		
862	9.746 007		9.826 729		0.173 271	9.919 278		138	
		11		16			5		
863	9.746 018		9.826 745		0.173 255	9.919 273		137	
		11		17			5		
864	9.746 029		9.826 762		0.173 238	9.919 268		136	
		12		16			5		
865	9.746 041		9.826 778		0.173 222	9.919 263		135	
		11		16			5		
866	9.746 052		9.826 794		0.173 206	9.919 258		134	
		11		17			5		
867	9.746 063		9.826 811		0.173 189	9.919 253		133	
		12		16			6		
868	9.746 075		9.826 827		0.173 173	9.919 247		132	
		11		17			5		
869	9.746 086		9.826 844		0.173 156	9.919 242		131	
		11		16			5		
.870	9.746 097		9.826 860		0.173 140	9.919 237		.130	
		11		16			5		
871	9.746 108		9.826 876		0.173 124	9.919 232		129	
		12		17			5		
872	9.746 120		9.826 893		0.173 107	9.919 227		128	
		11		16			5		
873	9.746 131		9.826 909		0.173 091	9.919 222		127	
		11		16			5		
874	9.746 142		9.826 925		0.173 075	9.919 217		126	
		12		17			5		
875	9.746 154		9.826 942		0.173 058	9.919 212		125	
		11		16			5		
876	9.746 165		9.826 958		0.173 042	9.919 207		124	
		11		17			5		
877	9.746 176		9.826 975		0.173 025	9.919 202		123	
		12		16			5		
878	9.746 188		9.826 991		0.173 009	9.919 197		122	
		11		16			6		
879	9.746 199		9.827 007		0.172 993	9.919 191		121	
		11		17			5		
.880	9.746 210		9.827 024		0.172 976	9.919 186		.120	
		11		16			5		
881	9.746 221		9.827 040		0.172 960	9.919 181		119	
		12		16			5		
882	9.746 233		9.827 056		0.172 944	9.919 176		118	
		11		17			5		
883	9.746 244		9.827 073		0.172 927	9.919 171		117	
		11		16			5		
884	9.746 255		9.827 089		0.172 911	9.919 166		116	
		12		17			5		
885	9.746 267		9.827 106		0.172 894	9.919 161		115	
		11		16			5		
886	9.746 278		9.827 122		0.172 878	9.919 156		114	
		11		16			5		
887	9.746 289		9.827 138		0.172 862	9.919 151		113	
		11		17			5		
888	9.746 300		9.827 155		0.172 845	9.919 146		112	
		12		16			5		
889	9.746 312		9.827 171		0.172 829	9.919 141		111	
		11		17			6		
.890	9.746 323		9.827 188		0.172 812	9.919 135		.110	
		11		16			5		
891	9.746 334		9.827 204		0.172 796	9.919 130		109	
		12		16			5		
892	9.746 346		9.827 220		0.172 780	9.919 125		108	
		11		17			5		
893	9.746 357		9.827 237		0.172 763	9.919 120		107	
		11		16			5		
894	9.746 368		9.827 253		0.172 747	9.919 115		106	
		11		16			5		
895	9.746 379		9.827 269		0.172 731	9.919 110		105	
		12		17			5		
896	9.746 391		9.827 286		0.172 714	9.919 105		104	
		11		16			5		
897	9.746 402		9.827 302		0.172 698	9.919 100		103	
		11		17			5		
898	9.746 413		9.827 319		0.172 681	9.919 095		102	
		11		16			5		
899	9.746 424		9.827 335		0.172 665	9.919 090		101	
		12		16			5		
.900	9.746 436		9.827 351		0.172 649	9.919 085		.100	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
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4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

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1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
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5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.150 — 56°.100

33°.900 — 33°.950

33°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.746 436		9.827 351		0.172 649	9.919 085		.100	
		11		17			6		
901	9.746 447		9.827 368		0.172 632	9.919 079		099	
902	9.746 458	11	9.827 384	16	0.172 616	9.919 074	5	098	
903	9.746 470	12	9.827 400	16	0.172 600	9.919 069	5	097	
		11		17			5		
904	9.746 481		9.827 417		0.172 583	9.919 064		096	
905	9.746 492	11	9.827 433	16	0.172 567	9.919 059	5	095	
906	9.746 503	11	9.827 449	16	0.172 551	9.919 054	5	094	
		12		17			5		
907	9.746 515		9.827 466		0.172 534	9.919 049		093	
908	9.746 526	11	9.827 482	16	0.172 518	9.919 044	5	092	
909	9.746 537	11	9.827 499	17	0.172 501	9.919 039	5	091	
		12		16			5		
.910	9.746 549		9.827 515		0.172 485	9.919 034		.090	
		11		16			6		
911	9.746 560		9.827 531		0.172 469	9.919 028		089	
912	9.746 571	11	9.827 548	17	0.172 452	9.919 023	5	088	
913	9.746 582	11	9.827 564	16	0.172 436	9.919 018	5	087	
		12		16			5		
914	9.746 594		9.827 580		0.172 420	9.919 013		086	
915	9.746 605	11	9.827 597	17	0.172 403	9.919 008	5	085	
916	9.746 616	11	9.827 613	16	0.172 387	9.919 003	5	084	
		11		17			5		
917	9.746 627		9.827 630		0.172 370	9.918 998		083	
918	9.746 639	12	9.827 646	16	0.172 354	9.918 993	5	082	
919	9.746 650	11	9.827 662	16	0.172 338	9.918 988	5	081	
		11		17			5		
.920	9.746 661		9.827 679		0.172 321	9.918 983		.080	
		12		16			5		
921	9.746 673		9.827 695		0.172 305	9.918 978		079	
922	9.746 684	11	9.827 711	16	0.172 289	9.918 972	6	078	
923	9.746 695	11	9.827 728	17	0.172 272	9.918 967	5	077	
		11		16			5		
924	9.746 706		9.827 744		0.172 256	9.918 962		076	
925	9.746 718	12	9.827 761	17	0.172 239	9.918 957	5	075	
926	9.746 729	11	9.827 777	16	0.172 223	9.918 952	5	074	
		11		16			5		
927	9.746 740		9.827 793		0.172 207	9.918 947		073	
928	9.746 751	11	9.827 810	17	0.172 190	9.918 942	5	072	
929	9.746 763	12	9.827 826	16	0.172 174	9.918 937	5	071	
		11		16			5		
.930	9.746 774		9.827 842		0.172 158	9.918 932		.070	
		11		17			5		
931	9.746 785		9.827 859		0.172 141	9.918 927		069	
932	9.746 797	12	9.827 875	16	0.172 125	9.918 921	6	068	
933	9.746 808	11	9.827 891	16	0.172 109	9.918 916	5	067	
		11		17			5		
934	9.746 819		9.827 908		0.172 092	9.918 911		066	
935	9.746 830	11	9.827 924	16	0.172 076	9.918 906	5	065	
936	9.746 842	12	9.827 941	17	0.172 059	9.918 901	5	064	
		11		16			5		
937	9.746 853		9.827 957		0.172 043	9.918 896		063	
938	9.746 864	11	9.827 973	16	0.172 027	9.918 891	5	062	
939	9.746 875	11	9.827 990	17	0.172 010	9.918 886	5	061	
		12		16			5		
.940	9.746 887		9.828 006		0.171 994	9.918 881		.060	
		11		16			5		
941	9.746 898		9.828 022		0.171 978	9.918 876		059	
942	9.746 909	11	9.828 039	17	0.171 961	9.918 870	6	058	
943	9.746 920	11	9.828 055	16	0.171 945	9.918 865	5	057	
		12		16			5		
944	9.746 932		9.828 071		0.171 929	9.918 860		056	
945	9.746 943	11	9.828 088	17	0.171 912	9.918 855	5	055	
946	9.746 954	11	9.828 104	16	0.171 896	9.918 850	5	054	
		11		17			5		
947	9.746 965		9.828 121		0.171 879	9.918 845		053	
948	9.746 977	12	9.828 137	16	0.171 863	9.918 840	5	052	
949	9.746 988	11	9.828 153	16	0.171 847	9.918 835	5	051	
		11		17			5		
.950	9.746 999		9.828 170		0.171 830	9.918 830		.050	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.100 — 56°.050

33°.950 — 34°.000

33°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.746 999		9.828 170		0.171 830	9.918 830		.050	
		11		16			5		
951	9.747 010		9.828 186		0.171 814	9.918 825		049	
952	9.747 022	12	9.828 202	16	0.171 798	9.918 819	6	048	
953	9.747 033	11	9.828 219	17	0.171 781	9.918 814	5	047	
		11		16			5		
954	9.747 044		9.828 235		0.171 765	9.918 809		046	
955	9.747 056	12	9.828 251	16	0.171 749	9.918 804	5	045	
956	9.747 067	11	9.828 268	17	0.171 732	9.918 799	5	044	
		11		16			5		
957	9.747 078		9.828 284		0.171 716	9.918 794		043	
958	9.747 089	11	9.828 301	17	0.171 699	9.918 789	5	042	
959	9.747 101	12	9.828 317	16	0.171 683	9.918 784	5	041	
		11		16			5		
.960	9.747 112		9.828 333		0.171 667	9.918 779		.040	
		11		17			6		
961	9.747 123		9.828 350		0.171 650	9.918 773		039	
962	9.747 134	11	9.828 366	16	0.171 634	9.918 768	5	038	
963	9.747 146	12	9.828 382	16	0.171 618	9.918 763	5	037	
		11		17			5		
964	9.747 157		9.828 399		0.171 601	9.918 758		036	
965	9.747 168	11	9.828 415	16	0.171 585	9.918 753	5	035	
966	9.747 179	11	9.828 431	16	0.171 569	9.918 748	5	034	
		12		17			5		
967	9.747 191		9.828 448		0.171 552	9.918 743		033	
968	9.747 202	11	9.828 464	16	0.171 536	9.918 738	5	032	
969	9.747 213	11	9.828 480	16	0.171 520	9.918 733	5	031	
		11		17			5		
.970	9.747 224		9.828 497		0.171 503	9.918 728		.030	
		12		16			6		
971	9.747 236		9.828 513		0.171 487	9.918 722		029	
972	9.747 247	11	9.828 530	17	0.171 470	9.918 717	5	028	
973	9.747 258	11	9.828 546	16	0.171 454	9.918 712	5	027	
		11		16			5		
974	9.747 269		9.828 562		0.171 438	9.918 707		026	
975	9.747 281	12	9.828 579	17	0.171 421	9.918 702	5	025	
976	9.747 292	11	9.828 595	16	0.171 405	9.918 697	5	024	
		11		16			5		
977	9.747 303		9.828 611		0.171 389	9.918 692		023	
978	9.747 314	11	9.828 628	17	0.171 372	9.918 687	5	022	
979	9.747 326	12	9.828 644	16	0.171 356	9.918 682	5	021	
		11		16			6		
.980	9.747 337		9.828 660		0.171 340	9.918 676		.020	
		11		17			5		
981	9.747 348		9.828 677		0.171 323	9.918 671		019	
982	9.747 359	11	9.828 693	16	0.171 307	9.918 666	5	018	
983	9.747 371	12	9.828 709	16	0.171 291	9.918 661	5	017	
		11		17			5		
984	9.747 382		9.828 726		0.171 274	9.918 656		016	
985	9.747 393	11	9.828 742	16	0.171 258	9.918 651	5	015	
986	9.747 404	11	9.828 759	17	0.171 241	9.918 646	5	014	
		12		16			5		
987	9.747 416		9.828 775		0.171 225	9.918 641		013	
988	9.747 427	11	9.828 791	16	0.171 209	9.918 636	5	012	
989	9.747 438	11	9.828 808	17	0.171 192	9.918 630	6	011	
		11		16			5		
.990	9.747 449		9.828 824		0.171 176	9.918 625		.010	
		11		16			5		
991	9.747 460		9.828 840		0.171 160	9.918 620		009	
992	9.747 472	12	9.828 857	17	0.171 143	9.918 615	5	008	
993	9.747 483	11	9.828 873	16	0.171 127	9.918 610	5	007	
		11		16			5		
994	9.747 494		9.828 889		0.171 111	9.918 605		006	
995	9.747 505	11	9.828 906	17	0.171 094	9.918 600	5	005	
996	9.747 517	12	9.828 922	16	0.171 078	9.918 595	5	004	
		11		16			5		
997	9.747 528		9.828 938		0.171 062	9.918 590		003	
998	9.747 539	11	9.828 955	17	0.171 045	9.918 584	6	002	
999	9.747 550	11	9.828 971	16	0.171 029	9.918 579	5	001	
		12		16			5		
*000	9.747 562		9.828 987		0.171 013	9.918 574		.000	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.050 — 56°.000

34°.000 — 34°.050

34°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.747 562		9.828 987		0.171 013	9.918 574		***000**	
		11		17			5		
001	9.747 573		9.829 004		0.170 996	9.918 569		999	
002	9.747 584	11	9.829 020	16	0.170 980	9.918 564	5	998	
003	9.747 595	11	9.829 036	16	0.170 964	9.918 559	5	997	
		12		17			5		
004	9.747 607		9.829 053		0.170 947	9.918 554		996	
005	9.747 618	11	9.829 069	16	0.170 931	9.918 549	5	995	
006	9.747 629	11	9.829 086	17	0.170 914	9.918 544	5	994	
		11		16			6		
007	9.747 640		9.829 102		0.170 898	9.918 538		993	
008	9.747 652	12	9.829 118	16	0.170 882	9.918 533	5	992	
009	9.747 663	11	9.829 135	17	0.170 865	9.918 528	5	991	
		11		16			5		
.010	9.747 674		9.829 151		0.170 849	9.918 523		**.990**	
		11		16			5		
011	9.747 685		9.829 167		0.170 833	9.918 518		989	
012	9.747 696	11	9.829 184	17	0.170 816	9.918 513	5	988	
013	9.747 708	12	9.829 200	16	0.170 800	9.918 508	5	987	
		11		16			5		
014	9.747 719		9.829 216		0.170 784	9.918 503		986	
015	9.747 730	11	9.829 233	17	0.170 767	9.918 498	5	985	
016	9.747 741	11	9.829 249	16	0.170 751	9.918 492	6	984	
		12		16			5		
017	9.747 753		9.829 265		0.170 735	9.918 487		983	
018	9.747 764	11	9.829 282	17	0.170 718	9.918 482	5	982	
019	9.747 775	11	9.829 298	16	0.170 702	9.918 477	5	981	
		11		16			5		
.020	9.747 786		9.829 314		0.170 686	9.918 472		**.980**	
		12		17			5		
021	9.747 798		9.829 331		0.170 669	9.918 467		979	
022	9.747 809	11	9.829 347	16	0.170 653	9.918 462	5	978	
023	9.747 820	11	9.829 363	16	0.170 637	9.918 457	5	977	
		11		17			6		
024	9.747 831		9.829 380		0.170 620	9.918 451		976	
025	9.747 842	11	9.829 396	16	0.170 604	9.918 446	5	975	
026	9.747 854	12	9.829 412	16	0.170 588	9.918 441	5	974	
		11		17			5		
027	9.747 865		9.829 429		0.170 571	9.918 436		973	
028	9.747 876	11	9.829 445	16	0.170 555	9.918 431	5	972	
029	9.747 887	11	9.829 461	16	0.170 539	9.918 426	5	971	
		12		17			5		
.030	9.747 899		9.829 478		0.170 522	9.918 421		**.970**	
		11		16			5		
031	9.747 910		9.829 494		0.170 506	9.918 416		969	
032	9.747 921	11	9.829 511	17	0.170 489	9.918 411	5	968	
033	9.747 932	11	9.829 527	16	0.170 473	9.918 405	6	967	
		11		16			5		
034	9.747 943		9.829 543		0.170 457	9.918 400		966	
035	9.747 955	12	9.829 560	17	0.170 440	9.918 395	5	965	
036	9.747 966	11	9.829 576	16	0.170 424	9.918 390	5	964	
		11		16			5		
037	9.747 977		9.829 592		0.170 408	9.918 385		963	
038	9.747 988	11	9.829 609	17	0.170 391	9.918 380	5	962	
039	9.748 000	12	9.829 625	16	0.170 375	9.918 375	5	961	
		11		16			5		
.040	9.748 011		9.829 641		0.170 359	9.918 370		**.960**	
		11		17			6		
041	9.748 022		9.829 658		0.170 342	9.918 364		959	
042	9.748 033	11	9.829 674	16	0.170 326	9.918 359	5	958	
043	9.748 044	11	9.829 690	16	0.170 310	9.918 354	5	957	
		12		17			5		
044	9.748 056		9.829 707		0.170 293	9.918 349		956	
045	9.748 067	11	9.829 723	16	0.170 277	9.918 344	5	955	
046	9.748 078	11	9.829 739	16	0.170 261	9.918 339	5	954	
		11		17			5		
047	9.748 089		9.829 756		0.170 244	9.918 334		953	
048	9.748 101	12	9.829 772	16	0.170 228	9.918 329	5	952	
049	9.748 112	11	9.829 788	16	0.170 212	9.918 323	6	951	
		11		17			5		
.050	9.748 123		9.829 805		0.170 195	9.918 318		**.950**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.000 — 55°.950

34°.050 — 34°.100

34°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.748 123		9.829 805		0.170 195	9.918 318		**.950**	
		11		16			5		
051	9.748 134		9.829 821		0.170 179	9.918 313		949	
		11		16			5		
052	9.748 145		9.829 837		0.170 163	9.918 308		948	
		12		17			5		
053	9.748 157		9.829 854		0.170 146	9.918 303		947	
		11		16			5		
054	9.748 168		9.829 870		0.170 130	9.918 298		946	
		11		16			5		
055	9.748 179		9.829 886		0.170 114	9.918 293		945	
		11		17			5		
056	9.748 190		9.829 903		0.170 097	9.918 288		944	
		12		16			6		
057	9.748 202		9.829 919		0.170 081	9.918 282		943	
		11		16			5		
058	9.748 213		9.829 935		0.170 065	9.918 277		942	
		11		17			5		
059	9.748 224		9.829 952		0.170 048	9.918 272		941	
		11		16			5		
.060	9.748 235		9.829 968		0.170 032	9.918 267		**.940**	
		11		16			5		
061	9.748 246		9.829 984		0.170 016	9.918 262		939	
		12		17			5		
062	9.748 258		9.830 001		0.169 999	9.918 257		938	
		11		16			5		
063	9.748 269		9.830 017		0.169 983	9.918 252		937	
		11		16			5		
064	9.748 280		9.830 033		0.169 967	9.918 247		936	
		11		17			6		
065	9.748 291		9.830 050		0.169 950	9.918 241		935	
		11		16			5		
066	9.748 302		9.830 066		0.169 934	9.918 236		934	
		12		16			5		
067	9.748 314		9.830 082		0.169 918	9.918 231		933	
		11		17			5		
068	9.748 325		9.830 099		0.169 901	9.918 226		932	
		11		16			5		
069	9.748 336		9.830 115		0.169 885	9.918 221		931	
		11		16			5		
.070	9.748 347		9.830 131		0.169 869	9.918 216		**.930**	
		11		17			5		
071	9.748 358		9.830 148		0.169 852	9.918 211		929	
		12		16			5		
072	9.748 370		9.830 164		0.169 836	9.918 206		928	
		11		16			6		
073	9.748 381		9.830 180		0.169 820	9.918 200		927	
		11		17			5		
074	9.748 392		9.830 197		0.169 803	9.918 195		926	
		11		16			5		
075	9.748 403		9.830 213		0.169 787	9.918 190		925	
		11		16			5		
076	9.748 414		9.830 229		0.169 771	9.918 185		924	
		12		17			5		
077	9.748 426		9.830 246		0.169 754	9.918 180		923	
		11		16			5		
078	9.748 437		9.830 262		0.169 738	9.918 175		922	
		11		16			5		
079	9.748 448		9.830 278		0.169 722	9.918 170		921	
		11		17			5		
.080	9.748 459		9.830 295		0.169 705	9.918 165		**.920**	
		12		16			6		
081	9.748 471		9.830 311		0.169 689	9.918 159		919	
		11		16			5		
082	9.748 482		9.830 327		0.169 673	9.918 154		918	
		11		17			5		
083	9.748 493		9.830 344		0.169 656	9.918 149		917	
		11		16			5		
084	9.748 504		9.830 360		0.169 640	9.918 144		916	
		11		16			5		
085	9.748 515		9.830 376		0.169 624	9.918 139		915	
		12		17			5		
086	9.748 527		9.830 393		0.169 607	9.918 134		914	
		11		16			5		
087	9.748 538		9.830 409		0.169 591	9.918 129		913	
		11		16			5		
088	9.748 549		9.830 425		0.169 575	9.918 124		912	
		11		17			6		
089	9.748 560		9.830 442		0.169 558	9.918 118		911	
		11		16			5		
.090	9.748 571		9.830 458		0.169 542	9.918 113		**.910**	
		12		16			5		
091	9.748 583		9.830 474		0.169 526	9.918 108		909	
		11		17			5		
092	9.748 594		9.830 491		0.169 509	9.918 103		908	
		11		16			5		
093	9.748 605		9.830 507		0.169 493	9.918 098		907	
		11		16			5		
094	9.748 616		9.830 523		0.169 477	9.918 093		906	
		11		17			5		
095	9.748 627		9.830 540		0.169 460	9.918 088		905	
		12		16			5		
096	9.748 639		9.830 556		0.169 444	9.918 083		904	
		11		16			6		
097	9.748 650		9.830 572		0.169 428	9.918 077		903	
		11		17			5		
098	9.748 661		9.830 589		0.169 411	9.918 072		902	
		11		16			5		
099	9.748 672		9.830 605		0.169 395	9.918 067		901	
		11		16			5		
.100	9.748 683		9.830 621		0.169 379	9.918 062		**.900**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.950 — 55°.900

34°.100 — 34°.150

34°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.748 683		9.830 621		0.169 379	9.918 062		.900	
		11		17			5		
101	9.748 694		9.830 638		0.169 362	9.918 057		899	
		12		16			5		
102	9.748 706		9.830 654		0.169 346	9.918 052		898	
		11		16			5		
103	9.748 717		9.830 670		0.169 330	9.918 047		897	
		11		17			6		
104	9.748 728		9.830 687		0.169 313	9.918 041		896	
		11		16			5		
105	9.748 739		9.830 703		0.169 297	9.918 036		895	
		11		16			5		
106	9.748 750		9.830 719		0.169 281	9.918 031		894	
		12		17			5		
107	9.748 762		9.830 736		0.169 264	9.918 026		893	
		11		16			5		
108	9.748 773		9.830 752		0.169 248	9.918 021		892	
		11		16			5		
109	9.748 784		9.830 768		0.169 232	9.918 016		891	
		11		17			5		
.110	9.748 795		9.830 785		0.169 215	9.918 011		.890	
		11		16			5		
111	9.748 806		9.830 801		0.169 199	9.918 006		889	
		12		16			6		
112	9.748 818		9.830 817		0.169 183	9.918 000		888	
		11		17			5		
113	9.748 829		9.830 834		0.169 166	9.917 995		887	
		11		16			5		
114	9.748 840		9.830 850		0.169 150	9.917 990		886	
		11		16			5		
115	9.748 851		9.830 866		0.169 134	9.917 985		885	
		11		17			5		
116	9.748 862		9.830 883		0.169 117	9.917 980		884	
		12		16			5		
117	9.748 874		9.830 899		0.169 101	9.917 975		883	
		11		16			5		
118	9.748 885		9.830 915		0.169 085	9.917 970		882	
		11		16			6		
119	9.748 896		9.830 931		0.169 069	9.917 964		881	
		11		17			5		
.120	9.748 907		9.830 948		0.169 052	9.917 959		.880	
		11		16			5		
121	9.748 918		9.830 964		0.169 036	9.917 954		879	
		11		16			5		
122	9.748 929		9.830 980		0.169 020	9.917 949		878	
		12		17			5		
123	9.748 941		9.830 997		0.169 003	9.917 944		877	
		11		16			5		
124	9.748 952		9.831 013		0.168 987	9.917 939		876	
		11		16			5		
125	9.748 963		9.831 029		0.168 971	9.917 934		875	
		11		17			6		
126	9.748 974		9.831 046		0.168 954	9.917 928		874	
		11		16			5		
127	9.748 985		9.831 062		0.168 938	9.917 923		873	
		12		16			5		
128	9.748 997		9.831 078		0.168 922	9.917 918		872	
		11		17			5		
129	9.749 008		9.831 095		0.168 905	9.917 913		871	
		11		16			5		
.130	9.749 019		9.831 111		0.168 889	9.917 908		.870	
		11		16			5		
131	9.749 030		9.831 127		0.168 873	9.917 903		869	
		11		17			5		
132	9.749 041		9.831 144		0.168 856	9.917 898		868	
		12		16			5		
133	9.749 053		9.831 160		0.168 840	9.917 893		867	
		11		16			6		
134	9.749 064		9.831 176		0.168 824	9.917 887		866	
		11		17			5		
135	9.749 075		9.831 193		0.168 807	9.917 882		865	
		11		16			5		
136	9.749 086		9.831 209		0.168 791	9.917 877		864	
		11		16			5		
137	9.749 097		9.831 225		0.168 775	9.917 872		863	
		11		17			5		
138	9.749 108		9.831 242		0.168 758	9.917 867		862	
		12		16			5		
139	9.749 120		9.831 258		0.168 742	9.917 862		861	
		11		16			5		
.140	9.749 131		9.831 274		0.168 726	9.917 857		.860	
		11		17			6		
141	9.749 142		9.831 291		0.168 709	9.917 851		859	
		11		16			5		
142	9.749 153		9.831 307		0.168 693	9.917 846		858	
		11		16			5		
143	9.749 164		9.831 323		0.168 677	9.917 841		857	
		11		17			5		
144	9.749 175		9.831 340		0.168 660	9.917 836		856	
		12		16			5		
145	9.749 187		9.831 356		0.168 644	9.917 831		855	
		11		16			5		
146	9.749 198		9.831 372		0.168 628	9.917 826		854	
		11		16			5		
147	9.749 209		9.831 388		0.168 612	9.917 821		853	
		11		17			6		
148	9.749 220		9.831 405		0.168 595	9.917 815		852	
		11		16			5		
149	9.749 231		9.831 421		0.168 579	9.917 810		851	
		12		16			5		
.150	9.749 243		9.831 437		0.168 563	9.917 805		.850	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.900 — 55°.850

34°.150 — 34°.200

34°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.749 243		9.831 437		0.168 563	9.917 805		.850	
		11		17			5		
151	9.749 254		9.831 454		0.168 546	9.917 800		849	
152	9.749 265	11	9.831 470	16	0.168 530	9.917 795	5	848	
153	9.749 276	11	9.831 486	16	0.168 514	9.917 790	5	847	
		11		17			5		
154	9.749 287		9.831 503	16	0.168 497	9.917 785	6	846	
155	9.749 298	11	9.831 519	16	0.168 481	9.917 779		845	
156	9.749 310	12	9.831 535		0.168 465	9.917 774	5	844	
		11		17			5		
157	9.749 321		9.831 552	16	0.168 448	9.917 769		843	
158	9.749 332	11	9.831 568	16	0.168 432	9.917 764	5	842	
159	9.749 343	11	9.831 584		0.168 416	9.917 759	5	841	
		11		17			5		
.160	9.749 354		9.831 601	16	0.168 399	9.917 754		.840	
		11					5		
161	9.749 365		9.831 617		0.168 383	9.917 749	6	839	
162	9.749 377	12	9.831 633	16	0.168 367	9.917 743		838	
163	9.749 388	11	9.831 649	16	0.168 351	9.917 738	5	837	
		11		17			5		
164	9.749 399		9.831 666	16	0.168 334	9.917 733		836	
165	9.749 410	11	9.831 682	16	0.168 318	9.917 728	5	835	
166	9.749 421	11	9.831 698		0.168 302	9.917 723	5	834	
		11		17			5		
167	9.749 432		9.831 715	16	0.168 285	9.917 718		833	
168	9.749 444	12	9.831 731	16	0.168 269	9.917 713	5	832	
169	9.749 455	11	9.831 747		0.168 253	9.917 707	6	831	
		11		17			5		
.170	9.749 466		9.831 764	16	0.168 236	9.917 702		.830	
		11					5		
171	9.749 477		9.831 780		0.168 220	9.917 697		829	
172	9.749 488	11	9.831 796	16	0.168 204	9.917 692	5	828	
173	9.749 499	11	9.831 813	17	0.168 187	9.917 687	5	827	
		12		16			5		
174	9.749 511		9.831 829	16	0.168 171	9.917 682		826	
175	9.749 522	11	9.831 845	16	0.168 155	9.917 677	5	825	
176	9.749 533	11	9.831 862	17	0.168 138	9.917 671	6	824	
		11		16			5		
177	9.749 544		9.831 878	16	0.168 122	9.917 666		823	
178	9.749 555	11	9.831 894	16	0.168 106	9.917 661	5	822	
179	9.749 566	11	9.831 910	16	0.168 090	9.917 656	5	821	
		12		17			5		
.180	9.749 578		9.831 927	16	0.168 073	9.917 651		.820	
		11					5		
181	9.749 589		9.831 943		0.168 057	9.917 646		819	
182	9.749 600	11	9.831 959	16	0.168 041	9.917 641	5	818	
183	9.749 611	11	9.831 976	17	0.168 024	9.917 635	6	817	
		11		16			5		
184	9.749 622		9.831 992	16	0.168 008	9.917 630		816	
185	9.749 633	11	9.832 008	16	0.167 992	9.917 625	5	815	
186	9.749 645	12	9.832 025	17	0.167 975	9.917 620	5	814	
		11		16			5		
187	9.749 656		9.832 041	16	0.167 959	9.917 615		813	
188	9.749 667	11	9.832 057	16	0.167 943	9.917 610	5	812	
189	9.749 678	11	9.832 074	17	0.167 926	9.917 604	6	811	
		11		16			5		
.190	9.749 689		9.832 090	16	0.167 910	9.917 599		.810	
		11					5		
191	9.749 700		9.832 106		0.167 894	9.917 594		809	
192	9.749 712	12	9.832 122	16	0.167 878	9.917 589	5	808	
193	9.749 723	11	9.832 139	17	0.167 861	9.917 584	5	807	
		11		16			5		
194	9.749 734		9.832 155	16	0.167 845	9.917 579		806	
195	9.749 745	11	9.832 171	17	0.167 829	9.917 574	5	805	
196	9.749 756	11	9.832 188	16	0.167 812	9.917 568	6	804	
		11		16			5		
197	9.749 767		9.832 204	16	0.167 796	9.917 563		803	
198	9.749 778	11	9.832 220	17	0.167 780	9.917 558	5	802	
199	9.749 790	12	9.832 237	16	0.167 763	9.917 553	5	801	
		11					5		
.200	9.749 801		9.832 253		0.167 747	9.917 548		.800	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.850 — 55°.800

34°.200 — 34°.250

34°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.749 801		9.832 253		0.167 747	9.917 548		**.800**	
		11		16			5		
201	9.749 812		9.832 269		0.167 731	9.917 543		799	
202	9.749 823	11	9.832 286	17	0.167 714	9.917 538	5	798	
203	9.749 834	11	9.832 302	16	0.167 698	9.917 532	6	797	
		11		16			5		
204	9.749 845		9.832 318		0.167 682	9.917 527		796	
205	9.749 857	12	9.832 334	16	0.167 666	9.917 522	5	795	
206	9.749 868	11	9.832 351	17	0.167 649	9.917 517	5	794	
		11		16			5		
207	9.749 879		9.832 367		0.167 633	9.917 512		793	
208	9.749 890	11	9.832 383	16	0.167 617	9.917 507	5	792	
209	9.749 901	11	9.832 400	17	0.167 600	9.917 501	6	791	
		11		16			5		
.210	9.749 912		9.832 416		0.167 584	9.917 496		**.790**	
		11		16			5		
211	9.749 923		9.832 432		0.167 568	9.917 491		789	
212	9.749 935	12	9.832 449	17	0.167 551	9.917 486	5	788	
213	9.749 946	11	9.832 465	16	0.167 535	9.917 481	5	787	
		11		16			5		
214	9.749 957		9.832 481		0.167 519	9.917 476		786	
215	9.749 968	11	9.832 497	16	0.167 503	9.917 471	5	785	
216	9.749 979	11	9.832 514	17	0.167 486	9.917 465	6	784	
		11		16			5		
217	9.749 990		9.832 530		0.167 470	9.917 460		783	
218	9.750 001	11	9.832 546	16	0.167 454	9.917 455	5	782	
219	9.750 013	12	9.832 563	17	0.167 437	9.917 450	5	781	
		11		16			5		
.220	9.750 024		9.832 579		0.167 421	9.917 445		**.780**	
		11		16			5		
221	9.750 035		9.832 595		0.167 405	9.917 440		779	
222	9.750 046	11	9.832 612	17	0.167 388	9.917 434	6	778	
223	9.750 057	11	9.832 628	16	0.167 372	9.917 429	5	777	
		11		16			5		
224	9.750 068		9.832 644		0.167 356	9.917 424		776	
225	9.750 079	11	9.832 660	16	0.167 340	9.917 419	5	775	
226	9.750 091	12	9.832 677	17	0.167 323	9.917 414	5	774	
		11		16			5		
227	9.750 102		9.832 693		0.167 307	9.917 409		773	
228	9.750 113	11	9.832 709	16	0.167 291	9.917 404	5	772	
229	9.750 124	11	9.832 726	17	0.167 274	9.917 398	6	771	
		11		16			5		
.230	9.750 135		9.832 742		0.167 258	9.917 393		**.770**	
		11		16			5		
231	9.750 146		9.832 758		0.167 242	9.917 388		769	
232	9.750 157	11	9.832 775	17	0.167 225	9.917 383	5	768	
233	9.750 169	12	9.832 791	16	0.167 209	9.917 378	5	767	
		11		16			5		
234	9.750 180		9.832 807		0.167 193	9.917 373		766	
235	9.750 191	11	9.832 823	16	0.167 177	9.917 367	6	765	
236	9.750 202	11	9.832 840	17	0.167 160	9.917 362	5	764	
		11		16			5		
237	9.750 213		9.832 856		0.167 144	9.917 357		763	
238	9.750 224	11	9.832 872	16	0.167 128	9.917 352	5	762	
239	9.750 235	11	9.832 889	17	0.167 111	9.917 347	5	761	
		12		16			5		
.240	9.750 247		9.832 905		0.167 095	9.917 342		**.760**	
		11		16			6		
241	9.750 258		9.832 921		0.167 079	9.917 336		759	
242	9.750 269	11	9.832 938	17	0.167 062	9.917 331	5	758	
243	9.750 280	11	9.832 954	16	0.167 046	9.917 326	5	757	
		11		16			5		
244	9.750 291		9.832 970		0.167 030	9.917 321		756	
245	9.750 302	11	9.832 986	16	0.167 014	9.917 316	5	755	
246	9.750 313	11	9.833 003	17	0.166 997	9.917 311	5	754	
		11		16			6		
247	9.750 324		9.833 019		0.166 981	9.917 305		753	
248	9.750 336	12	9.833 035	16	0.166 965	9.917 300	5	752	
249	9.750 347	11	9.833 052	17	0.166 948	9.917 295	5	751	
		11		16			5		
.250	9.750 358		9.833 068		0.166 932	9.917 290		**.750**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.800 — 55°.750

34°.250 — 34°.300

34°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.750 358	11	9.833 068	16	0.166 932	9.917 290	5	**.750**	
251	9.750 369	11	9.833 084	16	0.166 916	9.917 285	5	749	
252	9.750 380	11	9.833 100	17	0.166 900	9.917 280	5	748	
253	9.750 391	11	9.833 117	16	0.166 883	9.917 275	6	747	
254	9.750 402	12	9.833 133	16	0.166 867	9.917 269	5	746	
255	9.750 414	11	9.833 149	17	0.166 851	9.917 264	5	745	
256	9.750 425	11	9.833 166	16	0.166 834	9.917 259	5	744	
257	9.750 436	11	9.833 182	16	0.166 818	9.917 254	5	743	
258	9.750 447	11	9.833 198	17	0.166 802	9.917 249	5	742	
259	9.750 458	11	9.833 215	16	0.166 785	9.917 244	5	741	
.260	9.750 469	11	9.833 231	16	0.166 769	9.917 238	6	**.740**	
261	9.750 480	11	9.833 247	16	0.166 753	9.917 233	5	739	
262	9.750 491	12	9.833 263	17	0.166 737	9.917 228	5	738	
263	9.750 503	11	9.833 280	16	0.166 720	9.917 223	5	737	
264	9.750 514	11	9.833 296	16	0.166 704	9.917 218	5	736	
265	9.750 525	11	9.833 312	17	0.166 688	9.917 213	5	735	
266	9.750 536	11	9.833 329	16	0.166 671	9.917 207	6	734	
267	9.750 547	11	9.833 345	16	0.166 655	9.917 202	5	733	
268	9.750 558	11	9.833 361	16	0.166 639	9.917 197	5	732	
269	9.750 569	11	9.833 377	17	0.166 623	9.917 192	5	731	
.270	9.750 580	12	9.833 394	16	0.166 606	9.917 187	5	**.730**	
271	9.750 592	11	9.833 410	16	0.166 590	9.917 182	5	729	
272	9.750 603	11	9.833 426	17	0.166 574	9.917 176	6	728	
273	9.750 614	11	9.833 443	16	0.166 557	9.917 171	5	727	
274	9.750 625	11	9.833 459	16	0.166 541	9.917 166	5	726	
275	9.750 636	11	9.833 475	16	0.166 525	9.917 161	5	725	
276	9.750 647	11	9.833 491	17	0.166 509	9.917 156	5	724	
277	9.750 658	11	9.833 508	16	0.166 492	9.917 151	5	723	
278	9.750 669	11	9.833 524	16	0.166 476	9.917 145	6	722	
279	9.750 681	12	9.833 540	16	0.166 460	9.917 140	5	721	
.280	9.750 692	11	9.833 557	17	0.166 443	9.917 135	5	**.720**	
281	9.750 703	11	9.833 573	16	0.166 427	9.917 130	5	719	
282	9.750 714	11	9.833 589	16	0.166 411	9.917 125	5	718	
283	9.750 725	11	9.833 605	16	0.166 395	9.917 120	5	717	
284	9.750 736	11	9.833 622	17	0.166 378	9.917 114	6	716	
285	9.750 747	11	9.833 638	16	0.166 362	9.917 109	5	715	
286	9.750 758	11	9.833 654	16	0.166 346	9.917 104	5	714	
287	9.750 770	12	9.833 671	17	0.166 329	9.917 099	5	713	
288	9.750 781	11	9.833 687	16	0.166 313	9.917 094	5	712	
289	9.750 792	11	9.833 703	16	0.166 297	9.917 089	5	711	
.290	9.750 803	11	9.833 719	16	0.166 281	9.917 083	6	**.710**	
291	9.750 814	11	9.833 736	17	0.166 264	9.917 078	5	709	
292	9.750 825	11	9.833 752	16	0.166 248	9.917 073	5	708	
293	9.750 836	11	9.833 768	16	0.166 232	9.917 068	5	707	
294	9.750 847	11	9.833 785	17	0.166 215	9.917 063	5	706	
295	9.750 858	11	9.833 801	16	0.166 199	9.917 058	5	705	
296	9.750 870	12	9.833 817	16	0.166 183	9.917 052	6	704	
297	9.750 881	11	9.833 833	17	0.166 167	9.917 047	5	703	
298	9.750 892	11	9.833 850	16	0.166 150	9.917 042	5	702	
299	9.750 903	11	9.833 866	16	0.166 134	9.917 037	5	701	
.300	9.750 914	11	9.833 882	16	0.166 118	9.917 032	5	**.700**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.750 — 55°.700

34°.300 — 34°.350

34°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.750 914		9.833 882		0.166 118	9.917 032		.700	
		11		17			5		
301	9.750 925		9.833 899		0.166 101	9.917 027		699	
		11		16			6		
302	9.750 936		9.833 915		0.166 085	9.917 021		698	
		11		16			5		
303	9.750 947		9.833 931		0.166 069	9.917 016		697	
		11		16			5		
304	9.750 958		9.833 947		0.166 053	9.917 011		696	
		12		17			5		
305	9.750 970		9.833 964		0.166 036	9.917 006		695	
		11		16			5		
306	9.750 981		9.833 980		0.166 020	9.917 001		694	
		11		16			5		
307	9.750 992		9.833 996		0.166 004	9.916 996		693	
		11		17			6		
308	9.751 003		9.834 013		0.165 987	9.916 990		692	
		11		16			5		
309	9.751 014		9.834 029		0.165 971	9.916 985		691	
		11		16			5		
.310	9.751 025		9.834 045		0.165 955	9.916 980		.690	
		11		16			5		
311	9.751 036		9.834 061		0.165 939	9.916 975		689	
		11		17			5		
312	9.751 047		9.834 078		0.165 922	9.916 970		688	
		11		16			6		
313	9.751 058		9.834 094		0.165 906	9.916 964		687	
		12		16			5		
314	9.751 070		9.834 110		0.165 890	9.916 959		686	
		11		16			5		
315	9.751 081		9.834 126		0.165 874	9.916 954		685	
		11		17			5		
316	9.751 092		9.834 143		0.165 857	9.916 949		684	
		11		16			5		
317	9.751 103		9.834 159		0.165 841	9.916 944		683	
		11		16			5		
318	9.751 114		9.834 175		0.165 825	9.916 939		682	
		11		17			6		
319	9.751 125		9.834 192		0.165 808	9.916 933		681	
		11		16			5		
.320	9.751 136		9.834 208		0.165 792	9.916 928		.680	
		11		16			5		
321	9.751 147		9.834 224		0.165 776	9.916 923		679	
		11		16			5		
322	9.751 158		9.834 240		0.165 760	9.916 918		678	
		11		17			5		
323	9.751 169		9.834 257		0.165 743	9.916 913		677	
		12		16			5		
324	9.751 181		9.834 273		0.165 727	9.916 908		676	
		11		16			6		
325	9.751 192		9.834 289		0.165 711	9.916 902		675	
		11		17			5		
326	9.751 203		9.834 306		0.165 694	9.916 897		674	
		11		16			5		
327	9.751 214		9.834 322		0.165 678	9.916 892		673	
		11		16			5		
328	9.751 225		9.834 338		0.165 662	9.916 887		672	
		11		16			5		
329	9.751 236		9.834 354		0.165 646	9.916 882		671	
		11		17			5		
.330	9.751 247		9.834 371		0.165 629	9.916 877		.670	
		11		16			6		
331	9.751 258		9.834 387		0.165 613	9.916 871		669	
		11		16			5		
332	9.751 269		9.834 403		0.165 597	9.916 866		668	
		11		16			5		
333	9.751 280		9.834 419		0.165 581	9.916 861		667	
		12		17			5		
334	9.751 292		9.834 436		0.165 564	9.916 856		666	
		11		16			5		
335	9.751 303		9.834 452		0.165 548	9.916 851		665	
		11		16			6		
336	9.751 314		9.834 468		0.165 532	9.916 845		664	
		11		17			5		
337	9.751 325		9.834 485		0.165 515	9.916 840		663	
		11		16			5		
338	9.751 336		9.834 501		0.165 499	9.916 835		662	
		11		16			5		
339	9.751 347		9.834 517		0.165 483	9.916 830		661	
		11		16			5		
.340	9.751 358		9.834 533		0.165 467	9.916 825		.660	
		11		17			5		
341	9.751 369		9.834 550		0.165 450	9.916 820		659	
		11		16			6		
342	9.751 380		9.834 566		0.165 434	9.916 814		658	
		11		16			5		
343	9.751 391		9.834 582		0.165 418	9.916 809		657	
		12		16			5		
344	9.751 403		9.834 598		0.165 402	9.916 804		656	
		11		17			5		
345	9.751 414		9.834 615		0.165 385	9.916 799		655	
		11		16			5		
346	9.751 425		9.834 631		0.165 369	9.916 794		654	
		11		16			6		
347	9.751 436		9.834 647		0.165 353	9.916 788		653	
		11		17			5		
348	9.751 447		9.834 664		0.165 336	9.916 783		652	
		11		16			5		
349	9.751 458		9.834 680		0.165 320	9.916 778		651	
		11		16			5		
.350	9.751 469		9.834 696		0.165 304	9.916 773		.650	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.700 — 55°.650

34°.350 — 34°.400

34°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.751 469	11	9.834 696	16	0.165 304	9.916 773	5	.650	
351	9.751 480	11	9.834 712	17	0.165 288	9.916 768	5	649	
352	9.751 491	11	9.834 729	16	0.165 271	9.916 763	6	648	
353	9.751 502	11	9.834 745	16	0.165 255	9.916 757	5	647	
354	9.751 513	12	9.834 761	16	0.165 239	9.916 752	5	646	
355	9.751 525	11	9.834 777	17	0.165 223	9.916 747	5	645	
356	9.751 536	11	9.834 794	16	0.165 206	9.916 742	5	644	
357	9.751 547	11	9.834 810	16	0.165 190	9.916 737	5	643	
358	9.751 558	11	9.834 826	17	0.165 174	9.916 732	6	642	
359	9.751 569	11	9.834 843	16	0.165 157	9.916 726	5	641	
.360	9.751 580	11	9.834 859	16	0.165 141	9.916 721	5	.640	
361	9.751 591	11	9.834 875	16	0.165 125	9.916 716	5	639	
362	9.751 602	11	9.834 891	17	0.165 109	9.916 711	5	638	
363	9.751 613	11	9.834 908	16	0.165 092	9.916 706	6	637	
364	9.751 624	11	9.834 924	16	0.165 076	9.916 700	5	636	
365	9.751 635	11	9.834 940	16	0.165 060	9.916 695	5	635	
366	9.751 646	12	9.834 956	17	0.165 044	9.916 690	5	634	
367	9.751 658	11	9.834 973	16	0.165 027	9.916 685	5	633	
368	9.751 669	11	9.834 989	16	0.165 011	9.916 680	6	632	
369	9.751 680	11	9.835 005	16	0.164 995	9.916 674	5	631	
.370	9.751 691	11	9.835 021	17	0.164 979	9.916 669	5	.630	
371	9.751 702	11	9.835 038	16	0.164 962	9.916 664	5	629	
372	9.751 713	11	9.835 054	16	0.164 946	9.916 659	5	628	
373	9.751 724	11	9.835 070	17	0.164 930	9.916 654	5	627	
374	9.751 735	11	9.835 087	16	0.164 913	9.916 649	6	626	
375	9.751 746	11	9.835 103	16	0.164 897	9.916 643	5	625	
376	9.751 757	11	9.835 119	16	0.164 881	9.916 638	5	624	
377	9.751 768	11	9.835 135	17	0.164 865	9.916 633	5	623	
378	9.751 779	11	9.835 152	16	0.164 848	9.916 628	5	622	
379	9.751 791	12	9.835 168	16	0.164 832	9.916 623	5	621	
.380	9.751 802	11	9.835 184	16	0.164 816	9.916 617	6	.620	
381	9.751 813	11	9.835 200	17	0.164 800	9.916 612	5	619	
382	9.751 824	11	9.835 217	16	0.164 783	9.916 607	5	618	
383	9.751 835	11	9.835 233	16	0.164 767	9.916 602	5	617	
384	9.751 846	11	9.835 249	16	0.164 751	9.916 597	5	616	
385	9.751 857	11	9.835 265	17	0.164 735	9.916 592	5	615	
386	9.751 868	11	9.835 282	16	0.164 718	9.916 586	6	614	
387	9.751 879	11	9.835 298	16	0.164 702	9.916 581	5	613	
388	9.751 890	11	9.835 314	17	0.164 686	9.916 576	5	612	
389	9.751 901	11	9.835 331	16	0.164 669	9.916 571	5	611	
.390	9.751 912	11	9.835 347	16	0.164 653	9.916 566	5	.610	
391	9.751 923	12	9.835 363	16	0.164 637	9.916 560	6	609	
392	9.751 935	11	9.835 379	17	0.164 621	9.916 555	5	608	
393	9.751 946	11	9.835 396	16	0.164 604	9.916 550	5	607	
394	9.751 957	11	9.835 412	16	0.164 588	9.916 545	5	606	
395	9.751 968	11	9.835 428	16	0.164 572	9.916 540	5	605	
396	9.751 979	11	9.835 444	17	0.164 556	9.916 534	6	604	
397	9.751 990	11	9.835 461	16	0.164 539	9.916 529	5	603	
398	9.752 001	11	9.835 477	16	0.164 523	9.916 524	5	602	
399	9.752 012	11	9.835 493	16	0.164 507	9.916 519	5	601	
.400	9.752 023		9.835 509		0.164 491	9.916 514	5	.600	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.650 — 55°.600

34°.400 — 34°.450

34°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.752 023		9.835 509		0.164 491	9.916 514		.600	
		11		17			5		
401	9.752 034		9.835 526		0.164 474	9.916 509		599	
402	9.752 045	11	9.835 542	16	0.164 458	9.916 503	6	598	
403	9.752 056	11	9.835 558	16	0.164 442	9.916 498	5	597	
		11		16			5		
404	9.752 067		9.835 574		0.164 426	9.916 493		596	
405	9.752 078	11	9.835 591	17	0.164 409	9.916 488	5	595	
406	9.752 089	11	9.835 607	16	0.164 393	9.916 483	5	594	
		12		16			6		
407	9.752 101		9.835 623		0.164 377	9.916 477		593	
408	9.752 112	11	9.835 639	16	0.164 361	9.916 472	5	592	
409	9.752 123	11	9.835 656	17	0.164 344	9.916 467	5	591	
		11		16			5		
.410	9.752 134		9.835 672		0.164 328	9.916 462		.590	
		11		16			5		
411	9.752 145		9.835 688		0.164 312	9.916 457		589	
412	9.752 156	11	9.835 704	16	0.164 296	9.916 451	6	588	
413	9.752 167	11	9.835 721	17	0.164 279	9.916 446	5	587	
		11		16			5		
414	9.752 178		9.835 737		0.164 263	9.916 441		586	
415	9.752 189	11	9.835 753	16	0.164 247	9.916 436	5	585	
416	9.752 200	11	9.835 770	17	0.164 230	9.916 431	5	584	
		11		16			6		
417	9.752 211		9.835 786		0.164 214	9.916 425		583	
418	9.752 222	11	9.835 802	16	0.164 198	9.916 420	5	582	
419	9.752 233	11	9.835 818	16	0.164 182	9.916 415	5	581	
		11		17			5		
.420	9.752 244		9.835 835		0.164 165	9.916 410		.580	
		11		16			5		
421	9.752 255		9.835 851		0.164 149	9.916 405		579	
422	9.752 267	12	9.835 867	16	0.164 133	9.916 399	6	578	
423	9.752 278	11	9.835 883	16	0.164 117	9.916 394	5	577	
		11		17			5		
424	9.752 289		9.835 900		0.164 100	9.916 389		576	
425	9.752 300	11	9.835 916	16	0.164 084	9.916 384	5	575	
426	9.752 311	11	9.835 932	16	0.164 068	9.916 379	5	574	
		11		16			6		
427	9.752 322		9.835 948		0.164 052	9.916 373		573	
428	9.752 333	11	9.835 965	17	0.164 035	9.916 368	5	572	
429	9.752 344	11	9.835 981	16	0.164 019	9.916 363	5	571	
		11		16			5		
.430	9.752 355		9.835 997		0.164 003	9.916 358		.570	
		11		16			5		
431	9.752 366		9.836 013		0.163 987	9.916 353		569	
432	9.752 377	11	9.836 030	17	0.163 970	9.916 348	5	568	
433	9.752 388	11	9.836 046	16	0.163 954	9.916 342	6	567	
		11		16			5		
434	9.752 399		9.836 062		0.163 938	9.916 337		566	
435	9.752 410	11	9.836 078	16	0.163 922	9.916 332	5	565	
436	9.752 421	11	9.836 095	17	0.163 905	9.916 327	5	564	
		11		16			5		
437	9.752 432		9.836 111		0.163 889	9.916 322		563	
438	9.752 443	11	9.836 127	16	0.163 873	9.916 316	6	562	
439	9.752 455	12	9.836 143	16	0.163 857	9.916 311	5	561	
		11		17			5		
.440	9.752 466		9.836 160		0.163 840	9.916 306		.560	
		11		16			5		
441	9.752 477		9.836 176		0.163 824	9.916 301		559	
442	9.752 488	11	9.836 192	16	0.163 808	9.916 296	5	558	
443	9.752 499	11	9.836 208	16	0.163 792	9.916 290	6	557	
		11		17			5		
444	9.752 510		9.836 225		0.163 775	9.916 285		556	
445	9.752 521	11	9.836 241	16	0.163 759	9.916 280	5	555	
446	9.752 532	11	9.836 257	16	0.163 743	9.916 275	5	554	
		11		16			5		
447	9.752 543		9.836 273		0.163 727	9.916 270		553	
448	9.752 554	11	9.836 290	17	0.163 710	9.916 264	6	552	
449	9.752 565	11	9.836 306	16	0.163 694	9.916 259	5	551	
		11		16			5		
.450	9.752 576		9.836 322		0.163 678	9.916 254		.550	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.600 — 55°.550

34°.450 — 34°.500

34°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.752 576		9.836 322		0.163 678	9.916 254		.550	
		11		16			5		
451	9.752 587		9.836 338		0.163 662	9.916 249		549	
452	9.752 598	11	9.836 355	17	0.163 645	9.916 244	5	548	
453	9.752 609	11	9.836 371	16	0.163 629	9.916 238	6	547	
		11		16			5		
454	9.752 620		9.836 387		0.163 613	9.916 233		546	
455	9.752 631	11	9.836 403	16	0.163 597	9.916 228	5	545	
456	9.752 642	11	9.836 420	17	0.163 580	9.916 223	5	544	
		11		16			5		
457	9.752 653		9.836 436		0.163 564	9.916 218		543	
458	9.752 664	11	9.836 452	16	0.163 548	9.916 212	6	542	
459	9.752 676	12	9.836 468	16	0.163 532	9.916 207	5	541	
		11		17			5		
.460	9.752 687		9.836 485		0.163 515	9.916 202		.540	
		11		16			5		
461	9.752 698		9.836 501		0.163 499	9.916 197		539	
462	9.752 709	11	9.836 517	16	0.163 483	9.916 192	5	538	
463	9.752 720	11	9.836 533	16	0.163 467	9.916 186	6	537	
		11		17			5		
464	9.752 731		9.836 550		0.163 450	9.916 181		536	
465	9.752 742	11	9.836 566	16	0.163 434	9.916 176	5	535	
466	9.752 753	11	9.836 582	16	0.163 418	9.916 171	5	534	
		11		16			5		
467	9.752 764		9.836 598		0.163 402	9.916 166		533	
468	9.752 775	11	9.836 615	17	0.163 385	9.916 160	6	532	
469	9.752 786	11	9.836 631	16	0.163 369	9.916 155	5	531	
		11		16			5		
.470	9.752 797		9.836 647		0.163 353	9.916 150		.530	
		11		16			5		
471	9.752 808		9.836 663		0.163 337	9.916 145		529	
472	9.752 819	11	9.836 680	17	0.163 320	9.916 140	5	528	
473	9.752 830	11	9.836 696	16	0.163 304	9.916 134	6	527	
		11		16			5		
474	9.752 841		9.836 712		0.163 288	9.916 129		526	
475	9.752 852	11	9.836 728	16	0.163 272	9.916 124	5	525	
476	9.752 863	11	9.836 745	17	0.163 255	9.916 119	5	524	
		11		16			6		
477	9.752 874		9.836 761		0.163 239	9.916 113		523	
478	9.752 885	11	9.836 777	16	0.163 223	9.916 108	5	522	
479	9.752 896	11	9.836 793	16	0.163 207	9.916 103	5	521	
		11		17			5		
.480	9.752 907		9.836 810		0.163 190	9.916 098		.520	
		11		16			5		
481	9.752 918		9.836 826		0.163 174	9.916 093		519	
482	9.752 929	11	9.836 842	16	0.163 158	9.916 087	6	518	
483	9.752 940	11	9.836 858	16	0.163 142	9.916 082	5	517	
		12		16			5		
484	9.752 952		9.836 874		0.163 126	9.916 077		516	
485	9.752 963	11	9.836 891	17	0.163 109	9.916 072	5	515	
486	9.752 974	11	9.836 907	16	0.163 093	9.916 067	5	514	
		11		16			6		
487	9.752 985		9.836 923		0.163 077	9.916 061		513	
488	9.752 996	11	9.836 939	16	0.163 061	9.916 056	5	512	
489	9.753 007	11	9.836 956	17	0.163 044	9.916 051	5	511	
		11		16			5		
.490	9.753 018		9.836 972		0.163 028	9.916 046		.510	
		11		16			5		
491	9.753 029		9.836 988		0.163 012	9.916 041		509	
492	9.753 040	11	9.837 004	16	0.162 996	9.916 035	6	508	
493	9.753 051	11	9.837 021	17	0.162 979	9.916 030	5	507	
		11		16			5		
494	9.753 062		9.837 037		0.162 963	9.916 025		506	
495	9.753 073	11	9.837 053	16	0.162 947	9.916 020	5	505	
496	9.753 084	11	9.837 069	16	0.162 931	9.916 015	5	504	
		11		17			6		
497	9.753 095		9.837 086		0.162 914	9.916 009		503	
498	9.753 106	11	9.837 102	16	0.162 898	9.916 004	5	502	
499	9.753 117	11	9.837 118	16	0.162 882	9.915 999	5	501	
		11		16			5		
.500	9.753 128		9.837 134		0.162 866	9.915 994		.500	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.550 — 55°.500

34°.500 — 34°.550

34°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.753 128	11	9.837 134	17	0.162 866	9.915 994	5	.500	
501	9.753 139	11	9.837 151	16	0.162 849	9.915 989	6	499	
502	9.753 150	11	9.837 167	16	0.162 833	9.915 983	5	498	
503	9.753 161	11	9.837 183	16	0.162 817	9.915 978	5	497	
504	9.753 172	11	9.837 199	17	0.162 801	9.915 973	5	496	
505	9.753 183	11	9.837 216	16	0.162 784	9.915 968	6	495	
506	9.753 194	11	9.837 232	16	0.162 768	9.915 962	5	494	
507	9.753 205	11	9.837 248	16	0.162 752	9.915 957	5	493	
508	9.753 216	11	9.837 264	16	0.162 736	9.915 952	5	492	
509	9.753 227	11	9.837 280	17	0.162 720	9.915 947	6	491	
.510	9.753 238	11	9.837 297	16	0.162 703	9.915 942	5	.490	
511	9.753 249	11	9.837 313	16	0.162 687	9.915 936	6	489	
512	9.753 260	11	9.837 329	16	0.162 671	9.915 931	5	488	
513	9.753 271	11	9.837 345	17	0.162 655	9.915 926	5	487	
514	9.753 282	11	9.837 362	16	0.162 638	9.915 921	5	486	
515	9.753 293	11	9.837 378	16	0.162 622	9.915 916	5	485	
516	9.753 304	11	9.837 394	16	0.162 606	9.915 910	6	484	
517	9.753 315	11	9.837 410	17	0.162 590	9.915 905	5	483	
518	9.753 326	11	9.837 427	16	0.162 573	9.915 900	5	482	
519	9.753 337	12	9.837 443	16	0.162 557	9.915 895	5	481	
.520	9.753 349	11	9.837 459	16	0.162 541	9.915 889	6	.480	
521	9.753 360	11	9.837 475	17	0.162 525	9.915 884	5	479	
522	9.753 371	11	9.837 492	16	0.162 508	9.915 879	5	478	
523	9.753 382	11	9.837 508	16	0.162 492	9.915 874	5	477	
524	9.753 393	11	9.837 524	16	0.162 476	9.915 869	5	476	
525	9.753 404	11	9.837 540	16	0.162 460	9.915 863	6	475	
526	9.753 415	11	9.837 556	16	0.162 444	9.915 858	5	474	
527	9.753 426	11	9.837 573	17	0.162 427	9.915 853	5	473	
528	9.753 437	11	9.837 589	16	0.162 411	9.915 848	5	472	
529	9.753 448	11	9.837 605	16	0.162 395	9.915 843	5	471	
.530	9.753 459	11	9.837 621	16	0.162 379	9.915 837	6	.470	
531	9.753 470	11	9.837 638	17	0.162 362	9.915 832	5	469	
532	9.753 481	11	9.837 654	16	0.162 346	9.915 827	5	468	
533	9.753 492	11	9.837 670	16	0.162 330	9.915 822	5	467	
534	9.753 503	11	9.837 686	16	0.162 314	9.915 816	6	466	
535	9.753 514	11	9.837 703	17	0.162 297	9.915 811	5	465	
536	9.753 525	11	9.837 719	16	0.162 281	9.915 806	5	464	
537	9.753 536	11	9.837 735	16	0.162 265	9.915 801	5	463	
538	9.753 547	11	9.837 751	16	0.162 249	9.915 796	5	462	
539	9.753 558	11	9.837 767	16	0.162 233	9.915 790	6	461	
.540	9.753 569	11	9.837 784	17	0.162 216	9.915 785	5	.460	
541	9.753 580	11	9.837 800	16	0.162 200	9.915 780	5	459	
542	9.753 591	11	9.837 816	16	0.162 184	9.915 775	5	458	
543	9.753 602	11	9.837 832	16	0.162 168	9.915 770	5	457	
544	9.753 613	11	9.837 849	17	0.162 151	9.915 764	6	456	
545	9.753 624	11	9.837 865	16	0.162 135	9.915 759	5	455	
546	9.753 635	11	9.837 881	16	0.162 119	9.915 754	5	454	
547	9.753 646	11	9.837 897	16	0.162 103	9.915 749	5	453	
548	9.753 657	11	9.837 913	16	0.162 087	9.915 743	6	452	
549	9.753 668	11	9.837 930	17	0.162 070	9.915 738	5	451	
.550	9.753 679		9.837 946	16	0.162 054	9.915 733	5	.450	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.500 — 55°.450

34°.550 — 34°.600

34°	sin	d	tang	d	cotg	cos	d		P.P.
·550	9·753 679		9.837 946		0.162 054	9·915 733		**·450**	
		11		16			5		
551	9·753 690		9.837 962		0.162 038	9·915 728		449	
		11		16			5		
552	9·753 701		9.837 978		0.162 022	9·915 723		448	
		11		17			6		
553	9·753 712		9.837 995		0.162 005	9·915 717		447	
		11		16			5		
554	9·753 723		9.838 011		0.161 989	9·915 712		446	
		11		16			5		
555	9·753 734		9.838 027		0.161 973	9·915 707		445	
		11		16			5		
556	9·753 745		9.838 043		0.161 957	9·915 702		444	
		11		17			6		
557	9·753 756		9.838 060		0.161 940	9·915 696		443	
		11		16			5		
558	9·753 767		9.838 076		0.161 924	9·915 691		442	
		11		16			5		
559	9·753 778		9.838 092		0.161 908	9·915 686		441	
		11		16			5		
·560	9·753 789		9.838 108		0.161 892	9·915 681		**·440**	
		11		16			5		
561	9·753 800		9.838 124		0.161 876	9·915 676		439	
		11		17			6		
562	9·753 811		9.838 141		0.161 859	9·915 670		438	
		11		16			5		
563	9·753 822		9.838 157		0.161 843	9·915 665		437	
		11		16			5		
564	9·753 833		9.838 173		0.161 827	9·915 660		436	
		11		16			5		
565	9·753 844		9.838 189		0.161 811	9·915 655		435	
		11		17			6		
566	9·753 855		9.838 206		0.161 794	9·915 649		434	
		11		16			5		
567	9·753 866		9.838 222		0.161 778	9·915 644		433	
		11		16			5		
568	9·753 877		9.838 238		0.161 762	9·915 639		432	
		11		16			5		
569	9·753 888		9.838 254		0.161 746	9·915 634		431	
		11		16			5		
·570	9·753 899		9.838 270		0.161 730	9·915 629		**·430**	
		11		17			6		
571	9·753 910		9.838 287		0.161 713	9·915 623		429	
		11		16			5		
572	9·753 921		9.838 303		0.161 697	9·915 618		428	
		11		16			5		
573	9·753 932		9.838 319		0.161 681	9·915 613		427	
		11		16			5		
574	9·753 943		9.838 335		0.161 665	9·915 608		426	
		11		17			6		
575	9·753 954		9.838 352		0.161 648	9·915 602		425	
		11		16			5		
576	9·753 965		9.838 368		0.161 632	9·915 597		424	
		11		16			5		
577	9·753 976		9.838 384		0.161 616	9·915 592		423	
		11		16			5		
578	9·753 987		9.838 400		0.161 600	9·915 587		422	
		11		16			5		
579	9·753 998		9.838 416		0.161 584	9·915 582		421	
		11		17			6		
·580	9·754 009		9.838 433		0.161 567	9·915 576		**·420**	
		11		16			5		
581	9·754 020		9.838 449		0.161 551	9·915 571		419	
		11		16			5		
582	9·754 031		9.838 465		0.161 535	9·915 566		418	
		11		16			5		
583	9·754 042		9.838 481		0.161 519	9·915 561		417	
		11		17			6		
584	9·754 053		9.838 498		0.161 502	9·915 555		416	
		11		16			5		
585	9·754 064		9.838 514		0.161 486	9·915 550		415	
		11		16			5		
586	9·754 075		9.838 530		0.161 470	9·915 545		414	
		11		16			5		
587	9·754 086		9.838 546		0.161 454	9·915 540		413	
		11		16			5		
588	9·754 097		9.838 562		0.161 438	9·915 535		412	
		11		17			6		
589	9·754 108		9.838 579		0.161 421	9·915 529		411	
		11		16			5		
·590	9·754 119		9.838 595		0.161 405	9·915 524		**·410**	
		11		16			5		
591	9·754 130		9.838 611		0.161 389	9·915 519		409	
		11		16			5		
592	9·754 141		9.838 627		0.161 373	9·915 514		408	
		11		17			6		
593	9·754 152		9.838 644		0.161 356	9·915 508		407	
		11		16			5		
594	9·754 163		9.838 660		0.161 340	9·915 503		406	
		11		16			5		
595	9·754 174		9.838 676		0.161 324	9·915 498		405	
		11		16			5		
596	9·754 185		9.838 692		0.161 308	9·915 493		404	
		11		16			6		
597	9·754 196		9.838 708		0.161 292	9·915 487		403	
		11		17			5		
598	9·754 207		9.838 725	16	0.161 275	9·915 482		402	
		11					5		
599	9·754 218		9.838 741		0.161 259	9·915 477		401	
		11		16			5		
.600	9·754 229		9.838 757		0.161 243	9·915 472		**·400**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11
1	1.1
2	2.2
3	3.3
4	4.4
5	5.5
6	6.6
7	7.7
8	8.8
9	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.450 — 55°.400

34°.600 — 34°.650

34°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.754 229		9.838 757		0.161 243	9.915 472		.400	
		11		16			5		
601	9.754 240		9.838 773		0.161 227	9.915 467		399	
602	9.754 251	11	9.838 789	16	0.161 211	9.915 461	6	398	
603	9.754 262	11	9.838 806	17	0.161 194	9.915 456	5	397	
		11		16			5		
604	9.754 273		9.838 822		0.161 178	9.915 451		396	
605	9.754 284	11	9.838 838	16	0.161 162	9.915 446	5	395	
606	9.754 295	11	9.838 854	16	0.161 146	9.915 440	6	394	
		11		17			5		
607	9.754 306		9.838 871		0.161 129	9.915 435		393	
608	9.754 317	11	9.838 887	16	0.161 113	9.915 430	5	392	
609	9.754 328	11	9.838 903	16	0.161 097	9.915 425	5	391	
		11		16			6		
.610	9.754 339		9.838 919		0.161 081	9.915 419		.390	
		11		16			5		
611	9.754 350		9.838 935		0.161 065	9.915 414		389	
612	9.754 361	11	9.838 952	17	0.161 048	9.915 409	5	388	
613	9.754 372	11	9.838 968	16	0.161 032	9.915 404	5	387	
		11		16			5		
614	9.754 383		9.838 984		0.161 016	9.915 399		386	
615	9.754 394	11	9.839 000	16	0.161 000	9.915 393	6	385	
616	9.754 405	11	9.839 016	16	0.160 984	9.915 388	5	384	
		11		17			5		
617	9.754 416		9.839 033		0.160 967	9.915 383		383	
618	9.754 427	11	9.839 049	16	0.160 951	9.915 378	5	382	
619	9.754 438	11	9.839 065	16	0.160 935	9.915 372	6	381	
		11		16			5		
.620	9.754 449		9.839 081		0.160 919	9.915 367		.380	
		10		17			5		
621	9.754 459		9.839 098		0.160 902	9.915 362		379	
622	9.754 470	11	9.839 114	16	0.160 886	9.915 357	5	378	
623	9.754 481	11	9.839 130	16	0.160 870	9.915 351	6	377	
		11		16			5		
624	9.754 492		9.839 146		0.160 854	9.915 346		376	
625	9.754 503	11	9.839 162	16	0.160 838	9.915 341	5	375	
626	9.754 514	11	9.839 179	17	0.160 821	9.915 336	5	374	
		11		16			5		
627	9.754 525		9.839 195		0.160 805	9.915 331		373	
628	9.754 536	11	9.839 211	16	0.160 789	9.915 325	6	372	
629	9.754 547	11	9.839 227	16	0.160 773	9.915 320	5	371	
		11		16			5		
.630	9.754 558		9.839 243		0.160 757	9.915 315		.370	
		11		17			5		
631	9.754 569		9.839 260		0.160 740	9.915 310		369	
632	9.754 580	11	9.839 276	16	0.160 724	9.915 304	6	368	
633	9.754 591	11	9.839 292	16	0.160 708	9.915 299	5	367	
		11		16			5		
634	9.754 602		9.839 308		0.160 692	9.915 294		366	
635	9.754 613	11	9.839 325	17	0.160 675	9.915 289	5	365	
636	9.754 624	11	9.839 341	16	0.160 659	9.915 283	6	364	
		11		16			5		
637	9.754 635		9.839 357		0.160 643	9.915 278		363	
638	9.754 646	11	9.839 373	16	0.160 627	9.915 273	5	362	
639	9.754 657	11	9.839 389	16	0.160 611	9.915 268	5	361	
		11		17			6		
.640	9.754 668		9.839 406		0.160 594	9.915 262		.360	
		11		16			5		
641	9.754 679		9.839 422		0.160 578	9.915 257		359	
642	9.754 690	11	9.839 438	16	0.160 562	9.915 252	5	358	
643	9.754 701	11	9.839 454	16	0.160 546	9.915 247	5	357	
		11		16			5		
644	9.754 712		9.839 470		0.160 530	9.915 242		356	
645	9.754 723	11	9.839 487	17	0.160 513	9.915 236	6	355	
646	9.754 734	11	9.839 503	16	0.160 497	9.915 231	5	354	
		11		16			5		
647	9.754 745		9.839 519		0.160 481	9.915 226		353	
648	9.754 756	11	9.839 535	16	0.160 465	9.915 221	5	352	
649	9.754 767	11	9.839 551	16	0.160 449	9.915 215	6	351	
		11		17			5		
.650	9.754 778		9.839 568		0.160 432	9.915 210		.350	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.400 — 55°.350

34°.650 — 34°.700

34°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.754 778		9.839 568		0.160 432	9.915 210		**.350**	
		11		16			5		
651	9.754 789		9.839 584		0.160 416	9.915 205		349	
652	9.754 800	11	9.839 600	16	0.160 400	9.915 200	5	348	
653	9.754 811	11	9.839 616	16	0.160 384	9.915 194	6	347	
		11		16			5		
654	9.754 822		9.839 632		0.160 368	9.915 189		346	
655	9.754 833	11	9.839 649	17	0.160 351	9.915 184	5	345	
656	9.754 844	11	9.839 665	16	0.160 335	9.915 179	5	344	
		10		16			6		
657	9.754 854		9.839 681		0.160 319	9.915 173		343	
658	9.754 865	11	9.839 697	16	0.160 303	9.915 168	5	342	
659	9.754 876	11	9.839 713	16	0.160 287	9.915 163	5	341	
		11		17			5		
.660	9.754 887		9.839 730		0.160 270	9.915 158		**.340**	
		11		16			6		
661	9.754 898		9.839 746		0.160 254	9.915 152		339	
662	9.754 909	11	9.839 762	16	0.160 238	9.915 147	5	338	
663	9.754 920	11	9.839 778	16	0.160 222	9.915 142	5	337	
		11		16			5		
664	9.754 931		9.839 794		0.160 206	9.915 137		336	
665	9.754 942	11	9.839 811	17	0.160 189	9.915 131	6	335	
666	9.754 953	11	9.839 827	16	0.160 173	9.915 126	5	334	
		11		16			5		
667	9.754 964		9.839 843		0.160 157	9.915 121		333	
668	9.754 975	11	9.839 859	16	0.160 141	9.915 116	5	332	
669	9.754 986	11	9.839 875	16	0.160 125	9.915 111	5	331	
		11		17			6		
.670	9.754 997		9.839 892		0.160 108	9.915 105		**.330**	
		11		16			5		
671	9.755 008		9.839 908		0.160 092	9.915 100		329	
672	9.755 019	11	9.839 924	16	0.160 076	9.915 095	5	328	
673	9.755 030	11	9.839 940	16	0.160 060	9.915 090	5	327	
		11		17			6		
674	9.755 041		9.839 957		0.160 043	9.915 084		326	
675	9.755 052	11	9.839 973	16	0.160 027	9.915 079	5	325	
676	9.755 063	11	9.839 989	16	0.160 011	9.915 074	5	324	
		11		16			5		
677	9.755 074		9.840 005		0.159 995	9.915 069		323	
678	9.755 085	11	9.840 021	16	0.159 979	9.915 063	6	322	
679	9.755 096	11	9.840 038	17	0.159 962	9.915 058	5	321	
		11		16			5		
.680	9.755 107		9.840 054		0.159 946	9.915 053		**.320**	
		11		16			5		
681	9.755 118		9.840 070		0.159 930	9.915 048		319	
682	9.755 128	10	9.840 086	16	0.159 914	9.915 042	6	318	
683	9.755 139	11	9.840 102	16	0.159 898	9.915 037	5	317	
		11		16			5		
684	9.755 150		9.840 118		0.159 882	9.915 032		316	
685	9.755 161	11	9.840 135	17	0.159 865	9.915 027	5	315	
686	9.755 172	11	9.840 151	16	0.159 849	9.915 021	6	314	
		11		16			5		
687	9.755 183		9.840 167		0.159 833	9.915 016		313	
688	9.755 194	11	9.840 183	16	0.159 817	9.915 011	5	312	
689	9.755 205	11	9.840 199	16	0.159 801	9.915 006	5	311	
		11		17			6		
.690	9.755 216		9.840 216		0.159 784	9.915 000		**.310**	
		11		16			5		
691	9.755 227		9.840 232		0.159 768	9.914 995		309	
692	9.755 238	11	9.840 248	16	0.159 752	9.914 990	5	308	
693	9.755 249	11	9.840 264	16	0.159 736	9.914 985	5	307	
		11		16			6		
694	9.755 260		9.840 280		0.159 720	9.914 979		306	
695	9.755 271	11	9.840 297	17	0.159 703	9.914 974	5	305	
696	9.755 282	11	9.840 313	16	0.159 687	9.914 969	5	304	
		11		16			5		
697	9.755 293		9.840 329		0.159 671	9.914 964		303	
698	9.755 304	11	9.840 345	16	0.159 655	9.914 958	6	302	
699	9.755 315	11	9.840 361	16	0.159 639	9.914 953	5	301	
		11		17			5		
.700	9.755 326		9.840 378		0.159 622	9.914 948		**.300**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.350 — 55°.300

34°.700 — 34°.750

34°	sin	d	tang	d	cotg	cos	d	
.700	9.755 326	11	9.840 378	16	0.159 622	9.914 948	5	.300
701	9.755 337	10	9.840 394	16	0.159 606	9.914 943	6	299
702	9.755 347	11	9.840 410	16	0.159 590	9.914 937	5	298
703	9.755 358	11	9.840 426	16	0.159 574	9.914 932	5	297
704	9.755 369	11	9.840 442	17	0.159 558	9.914 927	5	296
705	9.755 380	11	9.840 459	16	0.159 541	9.914 922	6	295
706	9.755 391	11	9.840 475	16	0.159 525	9.914 916	5	294
707	9.755 402	11	9.840 491	16	0.159 509	9.914 911	5	293
708	9.755 413	11	9.840 507	16	0.159 493	9.914 906	5	292
709	9.755 424	11	9.840 523	17	0.159 477	9.914 901	6	291
.710	9.755 435	11	9.840 540	16	0.159 460	9.914 895	5	.290
711	9.755 446	11	9.840 556	16	0.159 444	9.914 890	5	289
712	9.755 457	11	9.840 572	16	0.159 428	9.914 885	5	288
713	9.755 468	11	9.840 588	16	0.159 412	9.914 880	6	287
714	9.755 479	11	9.840 604	17	0.159 396	9.914 874	5	286
715	9.755 490	11	9.840 621	16	0.159 379	9.914 869	5	285
716	9.755 501	11	9.840 637	16	0.159 363	9.914 864	5	284
717	9.755 512	11	9.840 653	16	0.159 347	9.914 859	6	283
718	9.755 523	11	9.840 669	16	0.159 331	9.914 853	5	282
719	9.755 533	10	9.840 685	17	0.159 315	9.914 848	5	281
.720	9.755 544	11	9.840 702	16	0.159 298	9.914 843	5	.280
721	9.755 555	11	9.840 718	16	0.159 282	9.914 838	6	279
722	9.755 566	11	9.840 734	16	0.159 266	9.914 832	5	278
723	9.755 577	11	9.840 750	16	0.159 250	9.914 827	5	277
724	9.755 588	11	9.840 766	16	0.159 234	9.914 822	5	276
725	9.755 599	11	9.840 782	17	0.159 218	9.914 817	6	275
726	9.755 610	11	9.840 799	16	0.159 201	9.914 811	5	274
727	9.755 621	11	9.840 815	16	0.159 185	9.914 806	5	273
728	9.755 632	11	9.840 831	16	0.159 169	9.914 801	5	272
729	9.755 643	11	9.840 847	16	0.159 153	9.914 796	6	271
.730	9.755 654	11	9.840 863	17	0.159 137	9.914 790	5	.270
731	9.755 665	11	9.840 880	16	0.159 120	9.914 785	5	269
732	9.755 676	11	9.840 896	16	0.159 104	9.914 780	5	268
733	9.755 687	11	9.840 912	16	0.159 088	9.914 775	6	267
734	9.755 698	10	9.840 928	16	0.159 072	9.914 769	5	266
735	9.755 708	11	9.840 944	17	0.159 056	9.914 764	5	265
736	9.755 719	11	9.840 961	16	0.159 039	9.914 759	5	264
737	9.755 730	11	9.840 977	16	0.159 023	9.914 754	6	263
738	9.755 741	11	9.840 993	16	0.159 007	9.914 748	5	262
739	9.755 752	11	9.841 009	16	0.158 991	9.914 743	5	261
.740	9.755 763	11	9.841 025	16	0.158 975	9.914 738	5	.260
741	9.755 774	11	9.841 041	17	0.158 959	9.914 733	6	259
742	9.755 785	11	9.841 058	16	0.158 942	9.914 727	5	258
743	9.755 796	11	9.841 074	16	0.158 926	9.914 722	5	257
744	9.755 807	11	9.841 090	16	0.158 910	9.914 717	5	256
745	9.755 818	11	9.841 106	16	0.158 894	9.914 712	6	255
746	9.755 829	11	9.841 122	17	0.158 878	9.914 706	5	254
747	9.755 840	11	9.841 139	16	0.158 861	9.914 701	5	253
748	9.755 851	10	9.841 155	16	0.158 845	9.914 696	6	252
749	9.755 861	11	9.841 171	16	0.158 829	9.914 690	5	251
.750	9.755 872		9.841 187		0.158 813	9.914 685		.250
	cos	d	cotg	d	tang	sin	d	55°

P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.300 — 55°.250

34°.750 — 34°.800

34°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.755 872		9.841 187		0.158 813	9.914 685		**.250**	
		11		16			5		
751	9.755 883		9.841 203		0.158 797	9.914 680		249	
752	9.755 894	11	9.841 220	17	0.158 780	9.914 675	5	248	
753	9.755 905	11	9.841 236	16	0.158 764	9.914 669	6	247	
		11		16			5		
754	9.755 916		9.841 252		0.158 748	9.914 664		246	
755	9.755 927	11	9.841 268	16	0.158 732	9.914 659	5	245	
756	9.755 938	11	9.841 284	16	0.158 716	9.914 654	5	244	
		11		16			6		
757	9.755 949		9.841 300		0.158 700	9.914 648		243	
758	9.755 960	11	9.841 317	17	0.158 683	9.914 643	5	242	
759	9.755 971	11	9.841 333	16	0.158 667	9.914 638	5	241	
		11		16			5		
.760	9.755 982		9.841 349		0.158 651	9.914 633		**.240**	
		11		16			6		
761	9.755 993		9.841 365		0.158 635	9.914 627		239	
762	9.756 003	10	9.841 381	16	0.158 619	9.914 622	5	238	
763	9.756 014	11	9.841 398	17	0.158 602	9.914 617	5	237	
		11		16			5		
764	9.756 025		9.841 414		0.158 586	9.914 612		236	
765	9.756 036	11	9.841 430	16	0.158 570	9.914 606	6	235	
766	9.756 047	11	9.841 446	16	0.158 554	9.914 601	5	234	
		11		16			5		
767	9.756 058		9.841 462		0.158 538	9.914 596		233	
768	9.756 069	11	9.841 478	16	0.158 522	9.914 591	5	232	
769	9.756 080	11	9.841 495	17	0.158 505	9.914 585	6	231	
		11		16			5		
.770	9.756 091		9.841 511		0.158 489	9.914 580		**.230**	
		11		16			5		
771	9.756 102		9.841 527		0.158 473	9.914 575		229	
772	9.756 113	11	9.841 543	16	0.158 457	9.914 570	5	228	
773	9.756 124	11	9.841 559	16	0.158 441	9.914 564	6	227	
		11		17			5		
774	9.756 135		9.841 576		0.158 424	9.914 559		226	
775	9.756 145	10	9.841 592	16	0.158 408	9.914 554	5	225	
776	9.756 156	11	9.841 608	16	0.158 392	9.914 548	6	224	
		11		16			5		
777	9.756 167		9.841 624		0.158 376	9.914 543		223	
778	9.756 178	11	9.841 640	16	0.158 360	9.914 538	5	222	
779	9.756 189	11	9.841 656	16	0.158 344	9.914 533	5	221	
		11		17			6		
.780	9.756 200		9.841 673		0.158 327	9.914 527		**.220**	
		11		16			5		
781	9.756 211		9.841 689		0.158 311	9.914 522		219	
782	9.756 222	11	9.841 705	16	0.158 295	9.914 517	5	218	
783	9.756 233	11	9.841 721	16	0.158 279	9.914 512	5	217	
		11		16			6		
784	9.756 244		9.841 737		0.158 263	9.914 506		216	
785	9.756 255	11	9.841 753	16	0.158 247	9.914 501	5	215	
786	9.756 265	10	9.841 770	17	0.158 230	9.914 496	5	214	
		11		16			5		
787	9.756 276		9.841 786		0.158 214	9.914 491		213	
788	9.756 287	11	9.841 802	16	0.158 198	9.914 485	6	212	
789	9.756 298	11	9.841 818	16	0.158 182	9.914 480	5	211	
		11		16			5		
.790	9.756 309		9.841 834		0.158 166	9.914 475		**.210**	
		11		17			6		
791	9.756 320		9.841 851		0.158 149	9.914 469		209	
792	9.756 331	11	9.841 867	16	0.158 133	9.914 464	5	208	
793	9.756 342	11	9.841 883	16	0.158 117	9.914 459	5	207	
		11		16			5		
794	9.756 353		9.841 899		0.158 101	9.914 454		206	
795	9.756 364	11	9.841 915	16	0.158 085	9.914 448	6	205	
796	9.756 375	11	9.841 931	16	0.158 069	9.914 443	5	204	
		10		17			5		
797	9.756 385		9.841 948		0.158 052	9.914 438		203	
798	9.756 396	11	9.841 964	16	0.158 036	9.914 433	5	202	
799	9.756 407	11	9.841 980	16	0.158 020	9.914 427	6	201	
		11		16			5		
.800	9.756 418		9.841 996		0.158 004	9.914 422		**.200**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
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4	4.4	4.0
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6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.250 — 55°.200

34°.800 — 34°.850

34°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.756 418		9.841 996		0.158 004	9.914 422		**.200**	
		11		16			5		
801	9.756 429		9.842 012		0.157 988	9.914 417		199	
		11		16			5		
802	9.756 440		9.842 028		0.157 972	9.914 412		198	
		11		17			6		
803	9.756 451		9.842 045		0.157 955	9.914 406		197	
		11		16			5		
804	9.756 462		9.842 061		0.157 939	9.914 401		196	
		11		16			5		
805	9.756 473		9.842 077		0.157 923	9.914 396		195	
		11		16			6		
806	9.756 484		9.842 093		0.157 907	9.914 390		194	
		11		16			5		
807	9.756 495		9.842 109		0.157 891	9.914 385		193	
		10		17			5		
808	9.756 505		9.842 126		0.157 874	9.914 380		192	
		11		16			5		
809	9.756 516		9.842 142		0.157 858	9.914 375		191	
		11		16			6		
.810	9.756 527		9.842 158		0.157 842	9.914 369		**.190**	
		11		16			5		
811	9.756 538		9.842 174		0.157 826	9.914 364		189	
		11		16			5		
812	9.756 549		9.842 190		0.157 810	9.914 359		188	
		11		16			5		
813	9.756 560		9.842 206		0.157 794	9.914 354		187	
		11		17			6		
814	9.756 571		9.842 223		0.157 777	9.914 348		186	
		11		16			5		
815	9.756 582		9.842 239		0.157 761	9.914 343		185	
		11		16			5		
816	9.756 593		9.842 255		0.157 745	9.914 338		184	
		11		16			6		
817	9.756 604		9.842 271		0.157 729	9.914 332		183	
		10		16			5		
818	9.756 614		9.842 287		0.157 713	9.914 327		182	
		11		16			5		
819	9.756 625		9.842 303		0.157 697	9.914 322		181	
		11		17			5		
.820	9.756 636		9.842 320		0.157 680	9.914 317		**.180**	
		11		16			6		
821	9.756 647		9.842 336		0.157 664	9.914 311		179	
		11		16			5		
822	9.756 658		9.842 352		0.157 648	9.914 306		178	
		11		16			5		
823	9.756 669		9.842 368		0.157 632	9.914 301		177	
		11		16			5		
824	9.756 680		9.842 384		0.157 616	9.914 296		176	
		11		16			6		
825	9.756 691		9.842 400		0.157 600	9.914 290		175	
		11		17			5		
826	9.756 702		9.842 417		0.157 583	9.914 285		174	
		11		16			5		
827	9.756 713		9.842 433		0.157 567	9.914 280		173	
		10		16			6		
828	9.756 723		9.842 449		0.157 551	9.914 274		172	
		11		16			5		
829	9.756 734		9.842 465		0.157 535	9.914 269		171	
		11		16			5		
.830	9.756 745		9.842 481		0.157 519	9.914 264		**.170**	
		11		16			5		
831	9.756 756		9.842 497		0.157 503	9.914 259		169	
		11		17			6		
832	9.756 767		9.842 514		0.157 486	9.914 253		168	
		11		16			5		
833	9.756 778		9.842 530		0.157 470	9.914 248		167	
		11		16			5		
834	9.756 789		9.842 546		0.157 454	9.914 243		166	
		11		16			5		
835	9.756 800		9.842 562		0.157 438	9.914 238		165	
		11		16			6		
836	9.756 811		9.842 578		0.157 422	9.914 232		164	
		10		16			5		
837	9.756 821		9.842 594		0.157 406	9.914 227		163	
		11		17			5		
838	9.756 832		9.842 611		0.157 389	9.914 222		162	
		11		16			6		
839	9.756 843		9.842 627		0.157 373	9.914 216		161	
		11		16			5		
.840	9.756 854		9.842 643		0.157 357	9.914 211		**.160**	
		11		16			5		
841	9.756 865		9.842 659		0.157 341	9.914 206		159	
		11		16			5		
842	9.756 876		9.842 675		0.157 325	9.914 201		158	
		11		16			6		
843	9.756 887		9.842 691		0.157 309	9.914 195		157	
		11		17			5		
844	9.756 898		9.842 708		0.157 292	9.914 190		156	
		11		16			5		
845	9.756 909		9.842 724		0.157 276	9.914 185		155	
		10		16			5		
846	9.756 919		9.842 740		0.157 260	9.914 180		154	
		11		16			6		
847	9.756 930		9.842 756		0.157 244	9.914 174		153	
		11		16			5		
848	9.756 941		9.842 772		0.157 228	9.914 169		152	
		11		16			5		
849	9.756 952		9.842 788		0.157 212	9.914 164		151	
		11		17			6		
.850	9.756 963		9.842 805		0.157 195	9.914 158		**.150**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.200 — 55°.150

34°.850 — 34°.900

34°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.756 963		9.842 805		0.157 195	9.914 158		.150	
		11		16			5		
851	9.756 974		9.842 821		0.157 179	9.914 153		149	
852	9.756 985	11	9.842 837	16	0.157 163	9.914 148	5	148	
853	9.756 996	11	9.842 853	16	0.157 147	9.914 143	5	147	
		11		16			6		
854	9.757 007		9.842 869		0.157 131	9.914 137		146	
855	9.757 017	10	9.842 885	16	0.157 115	9.914 132	5	145	
856	9.757 028	11	9.842 902	17	0.157 098	9.914 127	5	144	
		11		16			6		
857	9.757 039		9.842 918		0.157 082	9.914 121		143	
858	9.757 050	11	9.842 934	16	0.157 066	9.914 116	5	142	
859	9.757 061	11	9.842 950	16	0.157 050	9.914 111	5	141	
		11		16			5		
.860	9.757 072		9.842 966		0.157 034	9.914 106		.140	
		11		16			6		
861	9.757 083		9.842 982		0.157 018	9.914 100		139	
862	9.757 094	11	9.842 999	17	0.157 001	9.914 095	5	138	
863	9.757 104	10	9.843 015	16	0.156 985	9.914 090	5	137	
		11		16			5		
864	9.757 115		9.843 031		0.156 969	9.914 085		136	
865	9.757 126	11	9.843 047	16	0.156 953	9.914 079	6	135	
866	9.757 137	11	9.843 063	16	0.156 937	9.914 074	5	134	
		11		16			5		
867	9.757 148		9.843 079		0.156 921	9.914 069		133	
868	9.757 159	11	9.843 095	16	0.156 905	9.914 063	6	132	
869	9.757 170	11	9.843 112	17	0.156 888	9.914 058	5	131	
		11		16			5		
.870	9.757 181		9.843 128		0.156 872	9.914 053		.130	
		11		16			5		
871	9.757 192		9.843 144		0.156 856	9.914 048		129	
872	9.757 202	10	9.843 160	16	0.156 840	9.914 042	6	128	
873	9.757 213	11	9.843 176	16	0.156 824	9.914 037	5	127	
		11		16			5		
874	9.757 224		9.843 192		0.156 808	9.914 032		126	
875	9.757 235	11	9.843 209	17	0.156 791	9.914 026	6	125	
876	9.757 246	11	9.843 225	16	0.156 775	9.914 021	5	124	
		11		16			5		
877	9.757 257		9.843 241		0.156 759	9.914 016		123	
878	9.757 268	11	9.843 257	16	0.156 743	9.914 011	5	122	
879	9.757 279	11	9.843 273	16	0.156 727	9.914 005	6	121	
		10		16			5		
.880	9.757 289		9.843 289		0.156 711	9.914 000		.120	
		11		17			5		
881	9.757 300		9.843 306		0.156 694	9.913 995		119	
882	9.757 311	11	9.843 322	16	0.156 678	9.913 989	6	118	
883	9.757 322	11	9.843 338	16	0.156 662	9.913 984	5	117	
		11		16			5		
884	9.757 333		9.843 354		0.156 646	9.913 979		116	
885	9.757 344	11	9.843 370	16	0.156 630	9.913 974	5	115	
886	9.757 355	11	9.843 386	16	0.156 614	9.913 968	6	114	
		10		16			5		
887	9.757 365		9.843 402		0.156 598	9.913 963		113	
888	9.757 376	11	9.843 419	17	0.156 581	9.913 958	5	112	
889	9.757 387	11	9.843 435	16	0.156 565	9.913 952	6	111	
		11		16			5		
.890	9.757 398		9.843 451		0.156 549	9.913 947		.110	
		11		16			5		
891	9.757 409		9.843 467		0.156 533	9.913 942		109	
892	9.757 420	11	9.843 483	16	0.156 517	9.913 937	5	108	
893	9.757 431	11	9.843 499	16	0.156 501	9.913 931	6	107	
		11		17			5		
894	9.757 442		9.843 516		0.156 484	9.913 926		106	
895	9.757 452	10	9.843 532	16	0.156 468	9.913 921	5	105	
896	9.757 463	11	9.843 548	16	0.156 452	9.913 915	6	104	
		11		16			5		
897	9.757 474		9.843 564		0.156 436	9.913 910		103	
898	9.757 485	11	9.843 580	16	0.156 420	9.913 905	5	102	
899	9.757 496	11	9.843 596	16	0.156 404	9.913 900	5	101	
		11		16			6		
.900	9.757 507		9.843 612		0.156 388	9.913 894		.100	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
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6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
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2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.150 — 55°.100

34°.900 — 34°.950

34°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9·757 507		9.843 612		0.156 388	9.913 894		**.100**	
		11		17			5		
901	9·757 518		9.843 629		0.156 371	9.913 889		099	
902	9·757 529	11	9.843 645	16	0.156 355	9.913 884	5	098	
903	9·757 539	10	9.843 661	16	0.156 339	9.913 878	6	097	
		11		16			5		
904	9·757 550		9.843 677		0.156 323	9.913 873		096	
905	9·757 561	11	9.843 693	16	0.156 307	9.913 868	5	095	
906	9·757 572	11	9.843 709	16	0.156 291	9.913 863	5	094	
		11		17			6		
907	9·757 583		9.843 726		0.156 274	9.913 857		093	
908	9·757 594	11	9.843 742	16	0.156 258	9.913 852	5	092	
909	9·757 605	11	9.843 758	16	0.156 242	9.913 847	5	091	
		10		16			6		
.910	9·757 615		9.843 774		0.156 226	9.913 841		**.090**	
		11		16			5		
911	9·757 626		9.843 790		0.156 210	9.913 836		089	
912	9·757 637	11	9.843 806	16	0.156 194	9.913 831	5	088	
913	9·757 648	11	9.843 822	16	0.156 178	9.913 826	5	087	
		11		17			6		
914	9·757 659		9.843 839		0.156 161	9.913 820		086	
915	9·757 670	11	9.843 855	16	0.156 145	9.913 815	5	085	
916	9·757 681	11	9.843 871	16	0.156 129	9.913 810	5	084	
		10		16			6		
917	9·757 691		9.843 887		0.156 113	9.913 804		083	
918	9·757 702	11	9.843 903	16	0.156 097	9.913 799	5	082	
919	9·757 713	11	9.843 919	16	0.156 081	9.913 794	5	081	
		11		17			6		
.920	9·757 724		9.843 936		0.156 064	9.913 788		**.080**	
		11		16			5		
921	9·757 735		9.843 952		0.156 048	9.913 783		079	
922	9·757 746	11	9.843 968	16	0.156 032	9.913 778	5	078	
923	9·757 757	11	9.843 984	16	0.156 016	9.913 773	5	077	
		10		16			6		
924	9·757 767		9.844 000		0.156 000	9.913 767		076	
925	9·757 778	11	9.844 016	16	0.155 984	9.913 762	5	075	
926	9·757 789	11	9.844 032	16	0.155 968	9.913 757	5	074	
		11		17			6		
927	9·757 800		9.844 049		0.155 951	9.913 751		073	
928	9·757 811	11	9.844 065	16	0.155 935	9.913 746	5	072	
929	9·757 822	11	9.844 081	16	0.155 919	9.913 741	5	071	
		11		16			5		
.930	9·757 833		9.844 097		0.155 903	9.913 736		**.070**	
		10		16			6		
931	9·757 843		9.844 113		0.155 887	9.913 730		069	
932	9·757 854	11	9.844 129	16	0.155 871	9.913 725	5	068	
933	9·757 865	11	9.844 145	16	0.155 855	9.913 720	5	067	
		11		17			6		
934	9·757 876		9.844 162		0.155 838	9.913 714		066	
935	9·757 887	11	9.844 178	16	0.155 822	9.913 709	5	065	
936	9·757 898	11	9.844 194	16	0.155 806	9.913 704	5	064	
		11		16			6		
937	9·757 909		9.844 210		0.155 790	9.913 698		063	
938	9·757 919	10	9.844 226	16	0.155 774	9.913 693	5	062	
939	9·757 930	11	9.844 242	16	0.155 758	9.913 688	5	061	
		11		16			5		
.940	9·757 941		9.844 258		0.155 742	9.913 683		**.060**	
		11		17			6		
941	9·757 952		9.844 275		0.155 725	9.913 677		059	
942	9·757 963	11	9.844 291	16	0.155 709	9.913 672	5	058	
943	9·757 974	11	9.844 307	16	0.155 693	9.913 667	5	057	
		10		16			6		
944	9·757 984		9.844 323		0.155 677	9.913 661		056	
945	9·757 995	11	9.844 339	16	0.155 661	9.913 656	5	055	
946	9·758 006	11	9.844 355	16	0.155 645	9.913 651	5	054	
		11		16			5		
947	9·758 017		9.844 371		0.155 629	9.913 646		053	
948	9·758 028	11	9.844 388	17	0.155 612	9.913 640	6	052	
949	9·758 039	11	9.844 404	16	0.155 596	9.913 635	5	051	
		11		16			5		
.950	9·758 050		9.844 420		0.155 580	9.913 630		**.050**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.100 — 55°.050

34°.950 — 35°.000

34°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.758 050	10	9.844 420	16	0.155 580	9.913 630	6	**.050**	
951	9.758 060	11	9.844 436	16	0.155 564	9.913 624	5	049	
952	9.758 071	11	9.844 452	16	0.155 548	9.913 619	5	048	
953	9.758 082	11	9.844 468	16	0.155 532	9.913 614	6	047	
954	9.758 093	11	9.844 484	17	0.155 516	9.913 608	5	046	
955	9.758 104	11	9.844 501	16	0.155 499	9.913 603	5	045	
956	9.758 115	10	9.844 517	16	0.155 483	9.913 598	5	044	
957	9.758 125	11	9.844 533	16	0.155 467	9.913 593	6	043	
958	9.758 136	11	9.844 549	16	0.155 451	9.913 587	5	042	
959	9.758 147	11	9.844 565	16	0.155 435	9.913 582	5	041	
.960	9.758 158	11	9.844 581	16	0.155 419	9.913 577	6	**.040**	
961	9.758 169	11	9.844 597	17	0.155 403	9.913 571	5	039	
962	9.758 180	10	9.844 614	16	0.155 386	9.913 566	5	038	
963	9.758 190	11	9.844 630	16	0.155 370	9.913 561	6	037	
964	9.758 201	11	9.844 646	16	0.155 354	9.913 555	5	036	
965	9.758 212	11	9.844 662	16	0.155 338	9.913 550	5	035	
966	9.758 223	11	9.844 678	16	0.155 322	9.913 545	5	034	
967	9.758 234	11	9.844 694	16	0.155 306	9.913 540	6	033	
968	9.758 245	11	9.844 710	17	0.155 290	9.913 534	5	032	
969	9.758 256	10	9.844 727	16	0.155 273	9.913 529	5	031	
.970	9.758 266	11	9.844 743	16	0.155 257	9.913 524	6	**.030**	
971	9.758 277	11	9.844 759	16	0.155 241	9.913 518	5	029	
972	9.758 288	11	9.844 775	16	0.155 225	9.913 513	5	028	
973	9.758 299	11	9.844 791	16	0.155 209	9.913 508	6	027	
974	9.758 310	11	9.844 807	16	0.155 193	9.913 502	5	026	
975	9.758 321	10	9.844 823	17	0.155 177	9.913 497	5	025	
976	9.758 331	11	9.844 840	16	0.155 160	9.913 492	5	024	
977	9.758 342	11	9.844 856	16	0.155 144	9.913 487	6	023	
978	9.758 353	11	9.844 872	16	0.155 128	9.913 481	5	022	
979	9.758 364	11	9.844 888	16	0.155 112	9.913 476	5	021	
.980	9.758 375	11	9.844 904	16	0.155 096	9.913 471	6	**.020**	
981	9.758 386	10	9.844 920	16	0.155 080	9.913 465	5	019	
982	9.758 396	11	9.844 936	16	0.155 064	9.913 460	5	018	
983	9.758 407	11	9.844 952	17	0.155 048	9.913 455	6	017	
984	9.758 418	11	9.844 969	16	0.155 031	9.913 449	5	016	
985	9.758 429	11	9.844 985	16	0.155 015	9.913 444	5	015	
986	9.758 440	11	9.845 001	16	0.154 999	9.913 439	5	014	
987	9.758 451	10	9.845 017	16	0.154 983	9.913 434	6	013	
988	9.758 461	11	9.845 033	16	0.154 967	9.913 428	5	012	
989	9.758 472	11	9.845 049	16	0.154 951	9.913 423	5	011	
.990	9.758 483	11	9.845 065	17	0.154 935	9.913 418	6	**.010**	
991	9.758 494	11	9.845 082	16	0.154 918	9.913 412	5	009	
992	9.758 505	11	9.845 098	16	0.154 902	9.913 407	5	008	
993	9.758 516	10	9.845 114	16	0.154 886	9.913 402	6	007	
994	9.758 526	11	9.845 130	16	0.154 870	9.913 396	5	006	
995	9.758 537	11	9.845 146	16	0.154 854	9.913 391	5	005	
996	9.758 548	11	9.845 162	16	0.154 838	9.913 386	6	004	
997	9.758 559	11	9.845 178	17	0.154 822	9.913 380	5	003	
998	9.758 570	10	9.845 195	16	0.154 805	9.913 375	5	002	
999	9.758 580	11	9.845 211	16	0.154 789	9.913 370	5	001	
***000**	9.758 591		9.845 227		0.154 773	9.913 365		**.000**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.050 — 55°.000

35°.000 — 35°.050

35°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.758 591		9.845 227		0.154 773	9.913 365		***000**	
		11		16			6		
001	9.758 602		9.845 243		0.154 757	9.913 359		999	
002	9.758 613	11	9.845 259	16	0.154 741	9.913 354	5	998	
003	9.758 624	11	9.845 275	16	0.154 725	9.913 349	5	997	
		11		16			6		
004	9.758 635		9.845 291		0.154 709	9.913 343		996	
005	9.758 645	10	9.845 307	16	0.154 693	9.913 338	5	995	
006	9.758 656	11	9.845 324	17	0.154 676	9.913 333	5	994	
		11		16			6		
007	9.758 667		9.845 340		0.154 660	9.913 327		993	
008	9.758 678	11	9.845 356	16	0.154 644	9.913 322	5	992	
009	9.758 689	11	9.845 372	16	0.154 628	9.913 317	5	991	
		11		16			6		
.010	9.758 700		9.845 388		0.154 612	9.913 311		**.990**	
		10		16			5		
011	9.758 710		9.845 404		0.154 596	9.913 306		989	
012	9.758 721	11	9.845 420	16	0.154 580	9.913 301	5	988	
013	9.758 732	11	9.845 436	16	0.154 564	9.913 296	5	987	
		11		17			6		
014	9.758 743		9.845 453		0.154 547	9.913 290		986	
015	9.758 754	11	9.845 469	16	0.154 531	9.913 285	5	985	
016	9.758 764	10	9.845 485	16	0.154 515	9.913 280	5	984	
		11		16			6		
017	9.758 775		9.845 501		0.154 499	9.913 274		983	
018	9.758 786	11	9.845 517	16	0.154 483	9.913 269	5	982	
019	9.758 797	11	9.845 533	16	0.154 467	9.913 264	5	981	
		11		16			6		
.020	9.758 808		9.845 549		0.154 451	9.913 258		**.980**	
		11		17			5		
021	9.758 819		9.845 566		0.154 434	9.913 253		979	
022	9.758 829	10	9.845 582	16	0.154 418	9.913 248	5	978	
023	9.758 840	11	9.845 598	16	0.154 402	9.913 242	6	977	
		11		16			5		
024	9.758 851		9.845 614		0.154 386	9.913 237		976	
025	9.758 862	11	9.845 630	16	0.154 370	9.913 232	5	975	
026	9.758 873	11	9.845 646	16	0.154 354	9.913 226	6	974	
		10		16			5		
027	9.758 883		9.845 662		0.154 338	9.913 221		973	
028	9.758 894	11	9.845 678	16	0.154 322	9.913 216	5	972	
029	9.758 905	11	9.845 695	17	0.154 305	9.913 211	5	971	
		11		16			6		
.030	9.758 916		9.845 711		0.154 289	9.913 205		**.970**	
		11		16			5		
031	9.758 927		9.845 727		0.154 273	9.913 200		969	
032	9.758 938	11	9.845 743	16	0.154 257	9.913 195	5	968	
033	9.758 948	10	9.845 759	16	0.154 241	9.913 189	6	967	
		11		16			5		
034	9.758 959		9.845 775		0.154 225	9.913 184		966	
035	9.758 970	11	9.845 791	16	0.154 209	9.913 179	5	965	
036	9.758 981	11	9.845 807	16	0.154 193	9.913 173	6	964	
		11		17			5		
037	9.758 992		9.845 824		0.154 176	9.913 168		963	
038	9.759 002	10	9.845 840	16	0.154 160	9.913 163	5	962	
039	9.759 013	11	9.845 856	16	0.154 144	9.913 157	6	961	
		11		16			5		
.040	9.759 024		9.845 872		0.154 128	9.913 152		**.960**	
		11		16			5		
041	9.759 035		9.845 888		0.154 112	9.913 147		959	
042	9.759 046	11	9.845 904	16	0.154 096	9.913 141	6	958	
043	9.759 056	10	9.845 920	16	0.154 080	9.913 136	5	957	
		11		16			5		
044	9.759 067		9.845 936		0.154 064	9.913 131		956	
045	9.759 078	11	9.845 953	17	0.154 047	9.913 125	6	955	
046	9.759 089	11	9.845 969	16	0.154 031	9.913 120	5	954	
		11		16			5		
047	9.759 100		9.845 985		0.154 015	9.913 115		953	
048	9.759 110	10	9.846 001	16	0.153 999	9.913 110	5	952	
049	9.759 121	11	9.846 017	16	0.153 983	9.913 104	6	951	
		11		16			5		
.050	9.759 132		9.846 033		0.153 967	9.913 099		**.950**	
	cos	d	cotg	d	tang	sin	d	**54°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.000 — 54°.950

35°.050 — 35°.100

35°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.759 132		9.846 033		0.153 967	9.913 099		**.950**	
		11		16			5		
051	9.759 143		9.846 049		0.153 951	9.913 094		949	
052	9.759 154	11	9.846 065	16	0.153 935	9.913 088	6	948	
053	9.759 164	10	9.846 082	17	0.153 918	9.913 083	5	947	
		11		16			5		
054	9.759 175		9.846 098		0.153 902	9.913 078		946	
055	9.759 186	11	9.846 114	16	0.153 886	9.913 072	6	945	
056	9.759 197	11	9.846 130	16	0.153 870	9.913 067	5	944	
		11		16			5		
057	9.759 208		9.846 146		0.153 854	9.913 062		943	
058	9.759 218	10	9.846 162	16	0.153 838	9.913 056	6	942	
059	9.759 229	11	9.846 178	16	0.153 822	9.913 051	5	941	
		11		16			5		
.060	9.759 240		9.846 194		0.153 806	9.913 046		**.940**	
		11		16			6		
061	9.759 251		9.846 210		0.153 790	9.913 040		939	
062	9.759 262	11	9.846 227	17	0.153 773	9.913 035	5	938	
063	9.759 272	10	9.846 243	16	0.153 757	9.913 030	5	937	
		11		16			6		
064	9.759 283		9.846 259		0.153 741	9.913 024		936	
065	9.759 294	11	9.846 275	16	0.153 725	9.913 019	5	935	
066	9.759 305	11	9.846 291	16	0.153 709	9.913 014	5	934	
		11		16			6		
067	9.759 316		9.846 307		0.153 693	9.913 008		933	
068	9.759 326	10	9.846 323	16	0.153 677	9.913 003	5	932	
069	9.759 337	11	9.846 339	16	0.153 661	9.912 998	5	931	
		11		17			5		
.070	9.759 348		9.846 356		0.153 644	9.912 993		**.930**	
		11		16			6		
071	9.759 359		9.846 372		0.153 628	9.912 987		929	
072	9.759 370	11	9.846 388	16	0.153 612	9.912 982	5	928	
073	9.759 380	10	9.846 404	16	0.153 596	9.912 977	5	927	
		11		16			6		
074	9.759 391		9.846 420		0.153 580	9.912 971		926	
075	9.759 402	11	9.846 436	16	0.153 564	9.912 966	5	925	
076	9.759 413	11	9.846 452	16	0.153 548	9.912 961	5	924	
		11		16			6		
077	9.759 424		9.846 468		0.153 532	9.912 955		923	
078	9.759 434	10	9.846 485	17	0.153 515	9.912 950	5	922	
079	9.759 445	11	9.846 501	16	0.153 499	9.912 945	5	921	
		11		16			6		
.080	9.759 456		9.846 517		0.153 483	9.912 939		**.920**	
		11		16			5		
081	9.759 467		9.846 533		0.153 467	9.912 934		919	
082	9.759 478	11	9.846 549	16	0.153 451	9.912 929	5	918	
083	9.759 488	10	9.846 565	16	0.153 435	9.912 923	6	917	
		11		16			5		
084	9.759 499		9.846 581		0.153 419	9.912 918		916	
085	9.759 510	11	9.846 597	16	0.153 403	9.912 913	5	915	
086	9.759 521	11	9.846 613	16	0.153 387	9.912 907	6	914	
		11		17			5		
087	9.759 532		9.846 630		0.153 370	9.912 902		913	
088	9.759 542	10	9.846 646	16	0.153 354	9.912 897	5	912	
089	9.759 553	11	9.846 662	16	0.153 338	9.912 891	6	911	
		11		16			5		
.090	9.759 564		9.846 678		0.153 322	9.912 886		**.910**	
		11		16			5		
091	9.759 575		9.846 694		0.153 306	9.912 881		909	
092	9.759 586	11	9.846 710	16	0.153 290	9.912 875	6	908	
093	9.759 596	10	9.846 726	16	0.153 274	9.912 870	5	907	
		11		16			5		
094	9.759 607		9.846 742		0.153 258	9.912 865		906	
095	9.759 618	11	9.846 758	16	0.153 242	9.912 859	6	905	
096	9.759 629	11	9.846 775	17	0.153 225	9.912 854	5	904	
		10		16			5		
097	9.759 639		9.846 791		0.153 209	9.912 849		903	
098	9.759 650	11	9.846 807	16	0.153 193	9.912 843	6	902	
099	9.759 661	11	9.846 823	16	0.153 177	9.912 838	5	901	
		11		16			5		
.100	9.759 672		9.846 839		0.153 161	9.912 833		**.900**	
	cos	d	cotg	d	tang	sin	d	**54°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.950 — 54°.900

35°.100 — 35°.150

35°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.759 672		9.846 839		0.153 161	9.912 833		**.900**	
		11		16			6		
101	9.759 683		9.846 855		0.153 145	9.912 827		899	
102	9.759 693	10	9.846 871	16	0.153 129	9.912 822	5	898	
103	9.759 704	11	9.846 887	16	0.153 113	9.912 817	5	897	
		11		16			6		
104	9.759 715		9.846 903		0.153 097	9.912 811		896	
105	9.759 726	11	9.846 920	17	0.153 080	9.912 806	5	895	
106	9.759 737	11	9.846 936	16	0.153 064	9.912 801	5	894	
		10		16			6		
107	9.759 747		9.846 952		0.153 048	9.912 795		893	
108	9.759 758	11	9.846 968	16	0.153 032	9.912 790	5	892	
109	9.759 769	11	9.846 984	16	0.153 016	9.912 785	5	891	
		11		16			5		
.110	9.759 780		9.847 000		0.153 000	9.912 780		**.890**	
		10		16			6		
111	9.759 790		9.847 016		0.152 984	9.912 774		889	
112	9.759 801	11	9.847 032	16	0.152 968	9.912 769	5	888	
113	9.759 812	11	9.847 048	16	0.152 952	9.912 764	5	887	
		11		17			6		
114	9.759 823		9.847 065		0.152 935	9.912 758		886	
115	9.759 834	11	9.847 081	16	0.152 919	9.912 753	5	885	
116	9.759 844	10	9.847 097	16	0.152 903	9.912 748	5	884	
		11		16			6		
117	9.759 855		9.847 113		0.152 887	9.912 742		883	
118	9.759 866	11	9.847 129	16	0.152 871	9.912 737	5	882	
119	9.759 877	11	9.847 145	16	0.152 855	9.912 732	5	881	
		10		16			6		
.120	9.759 887		9.847 161		0.152 839	9.912 726		**.880**	
		11		16			5		
121	9.759 898		9.847 177		0.152 823	9.912 721		879	
122	9.759 909	11	9.847 193	16	0.152 807	9.912 716	5	878	
123	9.759 920	11	9.847 210	17	0.152 790	9.912 710	6	877	
		11		16			5		
124	9.759 931		9.847 226		0.152 774	9.912 705		876	
125	9.759 941	10	9.847 242	16	0.152 758	9.912 700	5	875	
126	9.759 952	11	9.847 258	16	0.152 742	9.912 694	6	874	
		11		16			5		
127	9.759 963		9.847 274		0.152 726	9.912 689		873	
128	9.759 974	11	9.847 290	16	0.152 710	9.912 684	5	872	
129	9.759 984	10	9.847 306	16	0.152 694	9.912 678	6	871	
		11		16			5		
.130	9.759 995		9.847 322		0.152 678	9.912 673		**.870**	
		11		16			5		
131	9.760 006		9.847 338		0.152 662	9.912 668		869	
132	9.760 017	11	9.847 355	17	0.152 645	9.912 662	6	868	
133	9.760 028	11	9.847 371	16	0.152 629	9.912 657	5	867	
		10		16			5		
134	9.760 038		9.847 387		0.152 613	9.912 652		866	
135	9.760 049	11	9.847 403	16	0.152 597	9.912 646	6	865	
136	9.760 060	11	9.847 419	16	0.152 581	9.912 641	5	864	
		11		16			5		
137	9.760 071		9.847 435		0.152 565	9.912 636		863	
138	9.760 081	10	9.847 451	16	0.152 549	9.912 630	6	862	
139	9.760 092	11	9.847 467	16	0.152 533	9.912 625	5	861	
		11		16			5		
.140	9.760 103		9.847 483		0.152 517	9.912 620		**.860**	
		11		16			6		
141	9.760 114		9.847 499		0.152 501	9.912 614		859	
142	9.760 124	10	9.847 516	17	0.152 484	9.912 609	5	858	
143	9.760 135	11	9.847 532	16	0.152 468	9.912 604	5	857	
		11		16			6		
144	9.760 146		9.847 548		0.152 452	9.912 598		856	
145	9.760 157	11	9.847 564	16	0.152 436	9.912 593	5	855	
146	9.760 168	11	9.847 580	16	0.152 420	9.912 588	5	854	
		10		16			6		
147	9.760 178		9.847 596		0.152 404	9.912 582		853	
148	9.760 189	11	9.847 612	16	0.152 388	9.912 577	5	852	
149	9.760 200	11	9.847 628	16	0.152 372	9.912 572	5	851	
		11		16			6		
.150	9.760 211		9.847 644		0.152 356	9.912 566		**.850**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
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2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
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6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.900 — 54°.850

35°.150 — 35°.200

35°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.760 211		9.847 644		0.152 356	9.912 566		**.850**	
		10		16			5		
151	9.760 221		9.847 660		0.152 340	9.912 561		849	
152	9.760 232	11	9.847 677	17	0.152 323	9.912 556	5	848	
153	9.760 243	11	9.847 693	16	0.152 307	9.912 550	6	847	
		11		16			5		
154	9.760 254		9.847 709		0.152 291	9.912 545		846	
155	9.760 264	10	9.847 725	16	0.152 275	9.912 539	6	845	
156	9.760 275	11	9.847 741	16	0.152 259	9.912 534	5	844	
		11		16			5		
157	9.760 286		9.847 757		0.152 243	9.912 529		843	
158	9.760 297	11	9.847 773	16	0.152 227	9.912 523	6	842	
159	9.760 307	10	9.847 789	16	0.152 211	9.912 518	5	841	
		11		16			5		
.160	9.760 318		9.847 805		0.152 195	9.912 513		**.840**	
		11		17			6		
161	9.760 329		9.847 822		0.152 178	9.912 507		839	
162	9.760 340	11	9.847 838	16	0.152 162	9.912 502	5	838	
163	9.760 350	10	9.847 854	16	0.152 146	9.912 497	5	837	
		11		16			6		
164	9.760 361		9.847 870		0.152 130	9.912 491		836	
165	9.760 372	11	9.847 886	16	0.152 114	9.912 486	5	835	
166	9.760 383	11	9.847 902	16	0.152 098	9.912 481	5	834	
		11		16			6		
167	9.760 394		9.847 918		0.152 082	9.912 475		833	
168	9.760 404	10	9.847 934	16	0.152 066	9.912 470	5	832	
169	9.760 415	11	9.847 950	16	0.152 050	9.912 465	5	831	
		11		16			6		
.170	9.760 426		9.847 966		0.152 034	9.912 459		**.830**	
		11		16			5		
171	9.760 437		9.847 982		0.152 018	9.912 454		829	
172	9.760 447	10	9.847 999	17	0.152 001	9.912 449	5	828	
173	9.760 458	11	9.848 015	16	0.151 985	9.912 443	6	827	
		11		16			5		
174	9.760 469		9.848 031		0.151 969	9.912 438		826	
175	9.760 480	11	9.848 047	16	0.151 953	9.912 433	5	825	
176	9.760 490	10	9.848 063	16	0.151 937	9.912 427	6	824	
		11		16			5		
177	9.760 501		9.848 079		0.151 921	9.912 422		823	
178	9.760 512	11	9.848 095	16	0.151 905	9.912 417	5	822	
179	9.760 523	11	9.848 111	16	0.151 889	9.912 411	6	821	
		10		16			5		
.180	9.760 533		9.848 127		0.151 873	9.912 406		**.820**	
		11		16			5		
181	9.760 544		9.848 143		0.151 857	9.912 401		819	
182	9.760 555	11	9.848 160	17	0.151 840	9.912 395	6	818	
183	9.760 566	11	9.848 176	16	0.151 824	9.912 390	5	817	
		10		16			5		
184	9.760 576		9.848 192		0.151 808	9.912 385		816	
185	9.760 587	11	9.848 208	16	0.151 792	9.912 379	6	815	
186	9.760 598	11	9.848 224	16	0.151 776	9.912 374	5	814	
		11		16			5		
187	9.760 609		9.848 240		0.151 760	9.912 369		813	
188	9.760 619	10	9.848 256	16	0.151 744	9.912 363	6	812	
189	9.760 630	11	9.848 272	16	0.151 728	9.912 358	5	811	
		11		16			5		
.190	9.760 641		9.848 288		0.151 712	9.912 353		**.810**	
		11		16			6		
191	9.760 652		9.848 304		0.151 696	9.912 347		809	
192	9.760 662	10	9.848 321	17	0.151 679	9.912 342	5	808	
193	9.760 673	11	9.848 337	16	0.151 663	9.912 336	6	807	
		11		16			5		
194	9.760 684		9.848 353		0.151 647	9.912 331		806	
195	9.760 695	11	9.848 369	16	0.151 631	9.912 326	5	805	
196	9.760 705	10	9.848 385	16	0.151 615	9.912 320	6	804	
		11		16			5		
197	9.760 716		9.848 401		0.151 599	9.912 315		803	
198	9.760 727	11	9.848 417	16	0.151 583	9.912 310	5	802	
199	9.760 738	11	9.848 433	16	0.151 567	9.912 304	6	801	
		10		16			5		
.200	9.760 748		9.848 449		0.151 551	9.912 299		**.800**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.850 — 54°.800

35°.200 — 35°.250

35°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.760 748		9.848 449		0.151 551	9.912 299		**.800**	
		11		16			5		
201	9.760 759		9.848 465		0.151 535	9.912 294	6	799	
202	9.760 770	11	9.848 481	16	0.151 519	9.912 288	5	798	
203	9.760 781	11	9.848 498	17	0.151 502	9.912 283	5	797	
		10		16			6		
204	9.760 791		9.848 514		0.151 486	9.912 278	5	796	
205	9.760 802	11	9.848 530	16	0.151 470	9.912 272	6	795	
206	9.760 813	11	9.848 546	16	0.151 454	9.912 267	5	794	
		11		16			5		
207	9.760 824		9.848 562		0.151 438	9.912 262	6	793	
208	9.760 834	10	9.848 578	16	0.151 422	9.912 256	5	792	
209	9.760 845	11	9.848 594	16	0.151 406	9.912 251	5	791	
		11		16			6		
.210	9.760 856		9.848 610		0.151 390	9.912 246		**.790**	
		10		16			5		
211	9.760 866		9.848 626		0.151 374	9.912 240	5	789	
212	9.760 877	11	9.848 642	16	0.151 358	9.912 235	6	788	
213	9.760 888	11	9.848 658	16	0.151 342	9.912 230	5	787	
		11		17			5		
214	9.760 899		9.848 675		0.151 325	9.912 224	6	786	
215	9.760 909	10	9.848 691	16	0.151 309	9.912 219	5	785	
216	9.760 920	11	9.848 707	16	0.151 293	9.912 213	6	784	
		11		16			5		
217	9.760 931		9.848 723		0.151 277	9.912 208	5	783	
218	9.760 942	11	9.848 739	16	0.151 261	9.912 203	5	782	
219	9.760 952	10	9.848 755	16	0.151 245	9.912 197	6	781	
		11		16			5		
.220	9.760 963		9.848 771		0.151 229	9.912 192		**.780**	
		11		16			5		
221	9.760 974		9.848 787		0.151 213	9.912 187	6	779	
222	9.760 985	11	9.848 803	16	0.151 197	9.912 181	5	778	
223	9.760 995	10	9.848 819	16	0.151 181	9.912 176	5	777	
		11		16			6		
224	9.761 006		9.848 835		0.151 165	9.912 171	5	776	
225	9.761 017	11	9.848 851	16	0.151 149	9.912 165	6	775	
226	9.761 028	11	9.848 868	17	0.151 132	9.912 160	5	774	
		10		16			5		
227	9.761 038		9.848 884		0.151 116	9.912 155	6	773	
228	9.761 049	11	9.848 900	16	0.151 100	9.912 149	5	772	
229	9.761 060	11	9.848 916	16	0.151 084	9.912 144	5	771	
		10		16			6		
.230	9.761 070		9.848 932		0.151 068	9.912 139		**.770**	
		11		16			5		
231	9.761 081		9.848 948		0.151 052	9.912 133	5	769	
232	9.761 092	11	9.848 964	16	0.151 036	9.912 128	5	768	
233	9.761 103	11	9.848 980	16	0.151 020	9.912 123	6	767	
		10		16			5		
234	9.761 113		9.848 996		0.151 004	9.912 117	5	766	
235	9.761 124	11	9.849 012	16	0.150 988	9.912 112	6	765	
236	9.761 135	11	9.849 028	16	0.150 972	9.912 106	5	764	
		11		17			5		
237	9.761 146		9.849 045		0.150 955	9.912 101	5	763	
238	9.761 156	10	9.849 061	16	0.150 939	9.912 096	6	762	
239	9.761 167	11	9.849 077	16	0.150 923	9.912 090	5	761	
		11		16			5		
.240	9.761 178		9.849 093		0.150 907	9.912 085		**.760**	
		11		16			5		
241	9.761 189		9.849 109		0.150 891	9.912 080	6	759	
242	9.761 199	10	9.849 125	16	0.150 875	9.912 074	5	758	
243	9.761 210	11	9.849 141	16	0.150 859	9.912 069	5	757	
		11		16			6		
244	9.761 221		9.849 157		0.150 843	9.912 064	5	756	
245	9.761 231	10	9.849 173	16	0.150 827	9.912 058	6	755	
246	9.761 242	11	9.849 189	16	0.150 811	9.912 053	5	754	
		11		16			5		
247	9.761 253		9.849 205		0.150 795	9.912 048	6	753	
248	9.761 264	11	9.849 221	16	0.150 779	9.912 042	5	752	
249	9.761 274	10	9.849 238	17	0.150 762	9.912 037	6	751	
		11		16					
.250	9.761 285		9.849 254		0.150 746	9.912 031		**.750**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.800 — 54°.750

35°.250 — 35°.300

35°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.761 285		9.849 254		0.150 746	9.912 031		**.750**	
		11		16			5		
251	9.761 296		9.849 270		0.150 730	9.912 026		749	
252	9.761 307	11	9.849 286	16	0.150 714	9.912 021	5	748	
253	9.761 317	10	9.849 302	16	0.150 698	9.912 015	6	747	
		11		16			5		
254	9.761 328		9.849 318		0.150 682	9.912 010		746	
255	9.761 339	11	9.849 334	16	0.150 666	9.912 005	5	745	
256	9.761 349	10	9.849 350	16	0.150 650	9.911 999	6	744	
		11		16			5		
257	9.761 360		9.849 366		0.150 634	9.911 994		743	
258	9.761 371	11	9.849 382	16	0.150 618	9.911 989	5	742	
259	9.761 382	11	9.849 398	16	0.150 602	9.911 983	6	741	
		10		16			5		
.260	9.761 392		9.849 414		0.150 586	9.911 978		**.740**	
		11		16			5		
261	9.761 403		9.849 430		0.150 570	9.911 973		739	
262	9.761 414	11	9.849 447	17	0.150 553	9.911 967	6	738	
263	9.761 424	10	9.849 463	16	0.150 537	9.911 962	5	737	
		11		16			6		
264	9.761 435		9.849 479		0.150 521	9.911 956		736	
265	9.761 446	11	9.849 495	16	0.150 505	9.911 951	5	735	
266	9.761 457	11	9.849 511	16	0.150 489	9.911 946	5	734	
		10		16			6		
267	9.761 467		9.849 527		0.150 473	9.911 940		733	
268	9.761 478	11	9.849 543	16	0.150 457	9.911 935	5	732	
269	9.761 489	11	9.849 559	16	0.150 441	9.911 930	5	731	
		11		16			6		
.270	9.761 500		9.849 575		0.150 425	9.911 924		**.730**	
		10		16			5		
271	9.761 510		9.849 591		0.150 409	9.911 919		729	
272	9.761 521	11	9.849 607	16	0.150 393	9.911 914	5	728	
273	9.761 532	11	9.849 623	16	0.150 377	9.911 908	6	727	
		10		17			5		
274	9.761 542		9.849 640		0.150 360	9.911 903		726	
275	9.761 553	11	9.849 656	16	0.150 344	9.911 897	6	725	
276	9.761 564	11	9.849 672	16	0.150 328	9.911 892	5	724	
		11		16			5		
277	9.761 575		9.849 688		0.150 312	9.911 887		723	
278	9.761 585	10	9.849 704	16	0.150 296	9.911 881	6	722	
279	9.761 596	11	9.849 720	16	0.150 280	9.911 876	5	721	
		11		16			5		
.280	9.761 607		9.849 736		0.150 264	9.911 871		**.720**	
		10		16			6		
281	9.761 617		9.849 752		0.150 248	9.911 865		719	
282	9.761 628	11	9.849 768	16	0.150 232	9.911 860	5	718	
283	9.761 639	11	9.849 784	16	0.150 216	9.911 855	5	717	
		11		16			6		
284	9.761 650		9.849 800		0.150 200	9.911 849		716	
285	9.761 660	10	9.849 816	16	0.150 184	9.911 844	5	715	
286	9.761 671	11	9.849 832	16	0.150 168	9.911 838	6	714	
		11		17			5		
287	9.761 682		9.849 849		0.150 151	9.911 833		713	
288	9.761 692	10	9.849 865	16	0.150 135	9.911 828	5	712	
289	9.761 703	11	9.849 881	16	0.150 119	9.911 822	6	711	
		11		16			5		
.290	9.761 714		9.849 897		0.150 103	9.911 817		**.710**	
		10		16			5		
291	9.761 724		9.849 913		0.150 087	9.911 812		709	
292	9.761 735	11	9.849 929	16	0.150 071	9.911 806	6	708	
293	9.761 746	11	9.849 945	16	0.150 055	9.911 801	5	707	
		11		16			5		
294	9.761 757		9.849 961		0.150 039	9.911 796		706	
295	9.761 767	10	9.849 977	16	0.150 023	9.911 790	6	705	
296	9.761 778	11	9.849 993	16	0.150 007	9.911 785	5	704	
		11		16			6		
297	9.761 789		9.850 009		0.149 991	9.911 779		703	
298	9.761 799	10	9.850 025	16	0.149 975	9.911 774	5	702	
299	9.761 810	11	9.850 041	16	0.149 959	9.911 769	5	701	
		11		16			6		
.300	9.761 821		9.850 057		0.149 943	9.911 763		**.700**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.750 — 54°.700

35°.300 — 35°.350

35°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.761 821		9.850 057		0.149 943	9.911 763		**.700**	
		11		17			5		
301	9.761 832		9.850 074		0.149 926	9.911 758		699	
		10		16			5		
302	9.761 842		9.850 090		0.149 910	9.911 753		698	
		11		16			6		
303	9.761 853		9.850 106		0.149 894	9.911 747		697	
		11		16			5		
304	9.761 864		9.850 122		0.149 878	9.911 742		696	
		10		16			5		
305	9.761 874		9.850 138		0.149 862	9.911 737		695	
		11		16			6		
306	9.761 885		9.850 154		0.149 846	9.911 731		694	
		11		16			5		
307	9.761 896		9.850 170		0.149 830	9.911 726		693	
		10		16			6		
308	9.761 906		9.850 186		0.149 814	9.911 720		692	
		11		16			5		
309	9.761 917		9.850 202		0.149 798	9.911 715		691	
		11		16			5		
.310	9.761 928		9.850 218		0.149 782	9.911 710		**.690**	
		11		16			6		
311	9.761 939		9.850 234		0.149 766	9.911 704		689	
		10		16			5		
312	9.761 949		9.850 250		0.149 750	9.911 699		688	
		11		16			5		
313	9.761 960		9.850 266		0.149 734	9.911 694		687	
		11		16			6		
314	9.761 971		9.850 282		0.149 718	9.911 688		686	
		10		17			5		
315	9.761 981		9.850 299		0.149 701	9.911 683		685	
		11		16			6		
316	9.761 992		9.850 315		0.149 685	9.911 677		684	
		11		16			5		
317	9.762 003		9.850 331		0.149 669	9.911 672		683	
		10		16			5		
318	9.762 013		9.850 347		0.149 653	9.911 667		682	
		11		16			6		
319	9.762 024		9.850 363		0.149 637	9.911 661		681	
		11		16			5		
.320	9.762 035		9.850 379		0.149 621	9.911 656		**.680**	
		11		16			5		
321	9.762 046		9.850 395		0.149 605	9.911 651		679	
		10		16			6		
322	9.762 056		9.850 411		0.149 589	9.911 645		678	
		11		16			5		
323	9.762 067		9.850 427		0.149 573	9.911 640		677	
		11		16			5		
324	9.762 078		9.850 443		0.149 557	9.911 635		676	
		10		16			6		
325	9.762 088		9.850 459		0.149 541	9.911 629		675	
		11		16			5		
326	9.762 099		9.850 475		0.149 525	9.911 624		674	
		11		16			6		
327	9.762 110		9.850 491		0.149 509	9.911 618		673	
		10		16			5		
328	9.762 120		9.850 507		0.149 493	9.911 613		672	
		11		16			5		
329	9.762 131		9.850 523		0.149 477	9.911 608		671	
		11		17			6		
.330	9.762 142		9.850 540		0.149 460	9.911 602		**.670**	
		11		16			5		
331	9.762 153		9.850 556		0.149 444	9.911 597		669	
		10		16			5		
332	9.762 163		9.850 572		0.149 428	9.911 592		668	
		11		16			6		
333	9.762 174		9.850 588		0.149 412	9.911 586		667	
		11		16			5		
334	9.762 185		9.850 604		0.149 396	9.911 581		666	
		10		16			6		
335	9.762 195		9.850 620		0.149 380	9.911 575		665	
		11		16			5		
336	9.762 206		9.850 636		0.149 364	9.911 570		664	
		11		16			5		
337	9.762 217		9.850 652		0.149 348	9.911 565		663	
		10		16			6		
338	9.762 227		9.850 668		0.149 332	9.911 559		662	
		11		16			5		
339	9.762 238		9.850 684		0.149 316	9.911 554		661	
		11		16			5		
.340	9.762 249		9.850 700		0.149 300	9.911 549		**.660**	
		10		16			6		
341	9.762 259		9.850 716		0.149 284	9.911 543		659	
		11		16			5		
342	9.762 270		9.850 732		0.149 268	9.911 538		658	
		11		16			6		
343	9.762 281		9.850 748		0.149 252	9.911 532		657	
		11		16			5		
344	9.762 292		9.850 764		0.149 236	9.911 527		656	
		10		17			5		
345	9.762 302		9.850 781		0.149 219	9.911 522		655	
		11		16			6		
346	9.762 313		9.850 797		0.149 203	9.911 516		654	
		11		16			5		
347	9.762 324		9.850 813		0.149 187	9.911 511		653	
		10		16			5		
348	9.762 334		9.850 829		0.149 171	9.911 506		652	
		11		16			6		
349	9.762 345		9.850 845		0.149 155	9.911 500		651	
		11		16			5		
.350	9.762 356		9.850 861		0.149 139	9.911 495		**.650**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.700 — 54°.650

35°.350 — 35°.400

35°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.762 356	10	9.850 861	16	0.149 139	9.911 495	6	.650	
351	9.762 366	11	9.850 877	16	0.149 123	9.911 489	5	649	
352	9.762 377	11	9.850 893	16	0.149 107	9.911 484	5	648	
353	9.762 388	10	9.850 909	16	0.149 091	9.911 479	6	647	
354	9.762 398	11	9.850 925	16	0.149 075	9.911 473	5	646	
355	9.762 409	11	9.850 941	16	0.149 059	9.911 468	5	645	
356	9.762 420	10	9.850 957	16	0.149 043	9.911 463	6	644	
357	9.762 430	11	9.850 973	16	0.149 027	9.911 457	5	643	
358	9.762 441	11	9.850 989	16	0.149 011	9.911 452	6	642	
359	9.762 452	10	9.851 005	16	0.148 995	9.911 446	5	641	
.360	9.762 462	11	9.851 021	17	0.148 979	9.911 441	5	.640	
361	9.762 473	11	9.851 038	16	0.148 962	9.911 436	6	639	
362	9.762 484	11	9.851 054	16	0.148 946	9.911 430	5	638	
363	9.762 495	10	9.851 070	16	0.148 930	9.911 425	6	637	
364	9.762 505	11	9.851 086	16	0.148 914	9.911 419	5	636	
365	9.762 516	11	9.851 102	16	0.148 898	9.911 414	5	635	
366	9.762 527	10	9.851 118	16	0.148 882	9.911 409	6	634	
367	9.762 537	11	9.851 134	16	0.148 866	9.911 403	5	633	
368	9.762 548	11	9.851 150	16	0.148 850	9.911 398	5	632	
369	9.762 559	10	9.851 166	16	0.148 834	9.911 393	6	631	
.370	9.762 569	11	9.851 182	16	0.148 818	9.911 387	5	.630	
371	9.762 580	11	9.851 198	16	0.148 802	9.911 382	6	629	
372	9.762 591	10	9.851 214	16	0.148 786	9.911 376	5	628	
373	9.762 601	11	9.851 230	16	0.148 770	9.911 371	5	627	
374	9.762 612	11	9.851 246	16	0.148 754	9.911 366	6	626	
375	9.762 623	10	9.851 262	16	0.148 738	9.911 360	5	625	
376	9.762 633	11	9.851 278	16	0.148 722	9.911 355	5	624	
377	9.762 644	11	9.851 294	16	0.148 706	9.911 350	6	623	
378	9.762 655	10	9.851 311	17	0.148 689	9.911 344	5	622	
379	9.762 665	11	9.851 327	16	0.148 673	9.911 339	6	621	
.380	9.762 676	11	9.851 343	16	0.148 657	9.911 333	5	.620	
381	9.762 687	10	9.851 359	16	0.148 641	9.911 328	5	619	
382	9.762 697	11	9.851 375	16	0.148 625	9.911 323	6	618	
383	9.762 708	11	9.851 391	16	0.148 609	9.911 317	5	617	
384	9.762 719	10	9.851 407	16	0.148 593	9.911 312	6	616	
385	9.762 729	11	9.851 423	16	0.148 577	9.911 306	5	615	
386	9.762 740	11	9.851 439	16	0.148 561	9.911 301	5	614	
387	9.762 751	10	9.851 455	16	0.148 545	9.911 296	6	613	
388	9.762 761	11	9.851 471	16	0.148 529	9.911 290	5	612	
389	9.762 772	11	9.851 487	16	0.148 513	9.911 285	5	611	
.390	9.762 783	10	9.851 503	16	0.148 497	9.911 280	6	.610	
391	9.762 793	11	9.851 519	16	0.148 481	9.911 274	5	609	
392	9.762 804	11	9.851 535	16	0.148 465	9.911 269	6	608	
393	9.762 815	10	9.851 551	16	0.148 449	9.911 263	5	607	
394	9.762 825	11	9.851 567	16	0.148 433	9.911 258	5	606	
395	9.762 836	11	9.851 583	16	0.148 417	9.911 253	6	605	
396	9.762 847	10	9.851 599	17	0.148 401	9.911 247	5	604	
397	9.762 857	11	9.851 616	16	0.148 384	9.911 242	6	603	
398	9.762 868	11	9.851 632	16	0.148 368	9.911 236	5	602	
399	9.762 879	10	9.851 648	16	0.148 352	9.911 231	5	601	
.400	9.762 889		9.851 664		0.148 336	9.911 226		.600	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.650 — 54°.600

35°.400 — 35°.450

35°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.762 889	11	9.851 664	16	0.148 336	9.911 226	6	.600	
401	9.762 900	11	9.851 680	16	0.148 320	9.911 220	5	599	
402	9.762 911	10	9.851 696	16	0.148 304	9.911 215	5	598	
403	9.762 921	11	9.851 712	16	0.148 288	9.911 210	6	597	
404	9.762 932	11	9.851 728	16	0.148 272	9.911 204	5	596	
405	9.762 943	10	9.851 744	16	0.148 256	9.911 199	6	595	
406	9.762 953	11	9.851 760	16	0.148 240	9.911 193	5	594	
407	9.762 964	11	9.851 776	16	0.148 224	9.911 188	5	593	
408	9.762 975	10	9.851 792	16	0.148 208	9.911 183	6	592	
409	9.762 985	11	9.851 808	16	0.148 192	9.911 177	5	591	
.410	9.762 996	11	9.851 824	16	0.148 176	9.911 172	6	.590	
411	9.763 007	10	9.851 840	16	0.148 160	9.911 166	5	589	
412	9.763 017	11	9.851 856	16	0.148 144	9.911 161	5	588	
413	9.763 028	11	9.851 872	16	0.148 128	9.911 156	6	587	
414	9.763 039	10	9.851 888	16	0.148 112	9.911 150	5	586	
415	9.763 049	11	9.851 904	16	0.148 096	9.911 145	6	585	
416	9.763 060	11	9.851 921	17	0.148 079	9.911 139	5	584	
417	9.763 071	10	9.851 937	16	0.148 063	9.911 134	5	583	
418	9.763 081	11	9.851 953	16	0.148 047	9.911 129	6	582	
419	9.763 092	11	9.851 969	16	0.148 031	9.911 123	5	581	
.420	9.763 103	10	9.851 985	16	0.148 015	9.911 118	5	.580	
421	9.763 113	11	9.852 001	16	0.147 999	9.911 113	6	579	
422	9.763 124	11	9.852 017	16	0.147 983	9.911 107	5	578	
423	9.763 135	10	9.852 033	16	0.147 967	9.911 102	6	577	
424	9.763 145	11	9.852 049	16	0.147 951	9.911 096	5	576	
425	9.763 156	11	9.852 065	16	0.147 935	9.911 091	5	575	
426	9.763 167	10	9.852 081	16	0.147 919	9.911 086	6	574	
427	9.763 177	11	9.852 097	16	0.147 903	9.911 080	5	573	
428	9.763 188	11	9.852 113	16	0.147 887	9.911 075	6	572	
429	9.763 199	10	9.852 129	16	0.147 871	9.911 069	5	571	
.430	9.763 209	11	9.852 145	16	0.147 855	9.911 064	5	.570	
431	9.763 220	11	9.852 161	16	0.147 839	9.911 059	6	569	
432	9.763 231	10	9.852 177	16	0.147 823	9.911 053	5	568	
433	9.763 241	11	9.852 193	16	0.147 807	9.911 048	6	567	
434	9.763 252	10	9.852 209	16	0.147 791	9.911 042	5	566	
435	9.763 262	11	9.852 225	16	0.147 775	9.911 037	5	565	
436	9.763 273	11	9.852 241	16	0.147 759	9.911 032	6	564	
437	9.763 284	10	9.852 258	17	0.147 742	9.911 026	5	563	
438	9.763 294	11	9.852 274	16	0.147 726	9.911 021	6	562	
439	9.763 305	11	9.852 290	16	0.147 710	9.911 015	5	561	
.440	9.763 316	10	9.852 306	16	0.147 694	9.911 010	5	.560	
441	9.763 326	11	9.852 322	16	0.147 678	9.911 005	6	559	
442	9.763 337	11	9.852 338	16	0.147 662	9.910 999	5	558	
443	9.763 348	10	9.852 354	16	0.147 646	9.910 994	6	557	
444	9.763 358	11	9.852 370	16	0.147 630	9.910 988	5	556	
445	9.763 369	11	9.852 386	16	0.147 614	9.910 983	5	555	
446	9.763 380	10	9.852 402	16	0.147 598	9.910 978	6	554	
447	9.763 390	11	9.852 418	16	0.147 582	9.910 972	5	553	
448	9.763 401	11	9.852 434	16	0.147 566	9.910 967	5	552	
449	9.763 412	10	9.852 450	16	0.147 550	9.910 962	6	551	
.450	9.763 422		9.852 466		0.147 534	9.910 956		.550	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.600 — 54°.550

$35^\circ.450 - 35^\circ.500$

35°	sin	d	tang	d	cotg	cos	d		P.P.
·450	9.763 422		9.852 466		0.147 534	9.910 956		**·550**	
		11		16			5		
451	9.763 433		9.852 482		0.147 518	9.910 951	6	549	
452	9.763 444	11	9.852 498	16	0.147 502	9.910 945		548	
453	9.763 454	10	9.852 514	16	0.147 486	9.910 940	5	547	
		11		16			5		
454	9.763 465		9.852 530		0.147 470	9.910 935	6	546	
455	9.763 475	10	9.852 546	16	0.147 454	9.910 929		545	
456	9.763 486	11	9.852 562	16	0.147 438	9.910 924	5	544	
		11		16			6		
457	9.763 497		9.852 578		0.147 422	9.910 918		543	
458	9.763 507	10	9.852 594	16	0.147 406	9.910 913	5	542	
459	9.763 518	11	9.852 610	16	0.147 390	9.910 908	5	541	
		11		17			6		
·460	9.763 529		9.852 627		0.147 373	9.910 902		**·540**	
		10		16			5		
461	9.763 539		9.852 643		0.147 357	9.910 897	6	539	
462	9.763 550	11	9.852 659	16	0.147 341	9.910 891		538	
463	9.763 561	11	9.852 675	16	0.147 325	9.910 886	5	537	
		10		16			5		
464	9.763 571		9.852 691		0.147 309	9.910 881	6	536	
465	9.763 582	11	9.852 707	16	0.147 293	9.910 875		535	
466	9.763 593	11	9.852 723	16	0.147 277	9.910 870	5	534	
		10		16			6		
467	9.763 603		9.852 739		0.147 261	9.910 864		533	
468	9.763 614	11	9.852 755	16	0.147 245	9.910 859	5	532	
469	9.763 624	10	9.852 771	16	0.147 229	9.910 854	5	531	
		11		16			6		
·470	9.763 635		9.852 787		0.147 213	9.910 848		**·530**	
		11		16			5		
471	9.763 646		9.852 803		0.147 197	9.910 843	6	529	
472	9.763 656	10	9.852 819	16	0.147 181	9.910 837		528	
473	9.763 667	11	9.852 835	16	0.147 165	9.910 832	5	527	
		11		16			5		
474	9.763 678		9.852 851		0.147 149	9.910 827	6	526	
475	9.763 688	10	9.852 867	16	0.147 133	9.910 821		525	
476	9.763 699	11	9.852 883	16	0.147 117	9.910 816	5	524	
		11		16			6		
477	9.763 710		9.852 899		0.147 101	9.910 810		523	
478	9.763 720	10	9.852 915	16	0.147 085	9.910 805	5	522	
479	9.763 731	11	9.852 931	16	0.147 069	9.910 800	5	521	
		10		16			6		
·480	9.763 741		9.852 947		0.147 053	9.910 794		**·520**	
		11		16			5		
481	9.763 752		9.852 963		0.147 037	9.910 789	6	519	
482	9.763 763	11	9.852 979	16	0.147 021	9.910 783		518	
483	9.763 773	10	9.852 995	16	0.147 005	9.910 778	5	517	
		11		16			5		
484	9.763 784		9.853 011		0.146 989	9.910 773	6	516	
485	9.763 795	11	9.853 027	16	0.146 973	9.910 767		515	
486	9.763 805	10	9.853 044	17	0.146 956	9.910 762	5	514	
		11		16			6		
487	9.763 816		9.853 060		0.146 940	9.910 756		513	
488	9.763 826	10	9.853 076	16	0.146 924	9.910 751	5	512	
489	9.763 837	11	9.853 092	16	0.146 908	9.910 745	6	511	
		11		16			5		
·490	9.763 848		9.853 108		0.146 892	9.910 740		**·510**	
		10		16			5		
491	9.763 858		9.853 124		0.146 876	9.910 735	6	509	
492	9.763 869	11	9.853 140	16	0.146 860	9.910 729		508	
493	9.763 880	11	9.853 156	16	0.146 844	9.910 724	5	507	
		10		16			6		
494	9.763 890		9.853 172		0.146 828	9.910 718		506	
495	9.763 901	11	9.853 188	16	0.146 812	9.910 713	5	505	
496	9.763 912	11	9.853 204	16	0.146 796	9.910 708	5	504	
		10		16			6		
497	9.763 922		9.853 220		0.146 780	9.910 702		503	
498	9.763 933	11	9.853 236	16	0.146 764	9.910 697	5	502	
499	9.763 943	10	9.853 252	16	0.146 748	9.910 691	6	501	
		11		16			5		
·500	9.763 954		9.853 268		0.146 732	9.910 686		**·500**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

$54^\circ.550 - 54^\circ.500$

35°.500 — 35°.550

35°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.763 954		9.853 268		0.146 732	9.910 686		.500	
		11		16			5		
501	9.763 965		9.853 284		0.146 716	9.910 681		499	
		10		16			6		
502	9.763 975		9.853 300		0.146 700	9.910 675		498	
		11		16			5		
503	9.763 986		9.853 316		0.146 684	9.910 670		497	
		11		16			6		
504	9.763 997		9.853 332		0.146 668	9.910 664		496	
		10		16			5		
505	9.764 007		9.853 348		0.146 652	9.910 659		495	
		11		16			5		
506	9.764 018		9.853 364		0.146 636	9.910 654		494	
		10		16			6		
507	9.764 028		9.853 380		0.146 620	9.910 648		493	
		11		16			5		
508	9.764 039		9.853 396		0.146 604	9.910 643		492	
		11		16			6		
509	9.764 050		9.853 412		0.146 588	9.910 637		491	
		10		16			5		
.510	9.764 060		9.853 428		0.146 572	9.910 632		.490	
		11		16			5		
511	9.764 071		9.853 444		0.146 556	9.910 627		489	
		11		16			6		
512	9.764 082		9.853 460		0.146 540	9.910 621		488	
		10		16			5		
513	9.764 092		9.853 476		0.146 524	9.910 616		487	
		11		16			6		
514	9.764 103		9.853 492		0.146 508	9.910 610		486	
		10		16			5		
515	9.764 113		9.853 508		0.146 492	9.910 605		485	
		11		17			5		
516	9.764 124		9.853 525		0.146 475	9.910 600		484	
		11		16			6		
517	9.764 135		9.853 541		0.146 459	9.910 594		483	
		10		16			5		
518	9.764 145		9.853 557		0.146 443	9.910 589		482	
		11		16			6		
519	9.764 156		9.853 573		0.146 427	9.910 583		481	
		10		16			5		
.520	9.764 166		9.853 589		0.146 411	9.910 578		.480	
		11		16			6		
521	9.764 177		9.853 605		0.146 395	9.910 572		479	
		11		16			5		
522	9.764 188		9.853 621		0.146 379	9.910 567		478	
		10		16			5		
523	9.764 198		9.853 637		0.146 363	9.910 562		477	
		11		16			6		
524	9.764 209		9.853 653		0.146 347	9.910 556		476	
		11		16			5		
525	9.764 220		9.853 669		0.146 331	9.910 551		475	
		10		16			6		
526	9.764 230		9.853 685		0.146 315	9.910 545		474	
		11		16			5		
527	9.764 241		9.853 701		0.146 299	9.910 540		473	
		10		16			5		
528	9.764 251		9.853 717		0.146 283	9.910 535		472	
		11		16			6		
529	9.764 262		9.853 733		0.146 267	9.910 529		471	
		11		16			5		
.530	9.764 273		9.853 749		0.146 251	9.910 524		.470	
		10		16			6		
531	9.764 283		9.853 765		0.146 235	9.910 518		469	
		11		16			5		
532	9.764 294		9.853 781		0.146 219	9.910 513		468	
		11		16			5		
533	9.764 305		9.853 797		0.146 203	9.910 508		467	
		10		16			6		
534	9.764 315		9.853 813		0.146 187	9.910 502		466	
		11		16			5		
535	9.764 326		9.853 829		0.146 171	9.910 497		465	
		10		16			6		
536	9.764 336		9.853 845		0.146 155	9.910 491		464	
		11		16			5		
537	9.764 347		9.853 861		0.146 139	9.910 486		463	
		11		16			6		
538	9.764 358		9.853 877		0.146 123	9.910 480		462	
		10		16			5		
539	9.764 368		9.853 893		0.146 107	9.910 475		461	
		11		16			5		
.540	9.764 379		9.853 909		0.146 091	9.910 470		.460	
		10		16			6		
541	9.764 389		9.853 925		0.146 075	9.910 464		459	
		11		16			5		
542	9.764 400		9.853 941		0.146 059	9.910 459		458	
		11		16			6		
543	9.764 411		9.853 957		0.146 043	9.910 453		457	
		10		16			5		
544	9.764 421		9.853 973		0.146 027	9.910 448		456	
		11		16			5		
545	9.764 432		9.853 989		0.146 011	9.910 443		455	
		10		16			6		
546	9.764 442		9.854 005		0.145 995	9.910 437		454	
		11		16			5		
547	9.764 453		9.854 021		0.145 979	9.910 432		453	
		11		16			6		
548	9.764 464		9.854 037		0.145 963	9.910 426		452	
		10		16			5		
549	9.764 474		9.854 053		0.145 947	9.910 421		451	
		11		16			6		
.550	9.764 485		9.854 069		0.145 931	9.910 415		.450	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.500 — 54°.450

35°.550 — 35°.600

35°	sin	d	tang	d	cotg	cos	d		P.P.
·550	9·764 485		9.854 069		0.145 931	9·910 415		**·450**	
		10		16			5		
551	9·764 495		9.854 085		0.145 915	9·910 410		449	
552	9·764 506	11	9.854 101	16	0.145 899	9·910 405	5	448	
553	9·764 517	11	9.854 117	16	0.145 883	9·910 399	6	447	
		10		17			5		
554	9·764 527		9.854 134	16	0.145 866	9·910 394	6	446	
555	9·764 538	11	9.854 150	16	0.145 850	9·910 388		445	
556	9·764 549	11	9.854 166	16	0.145 834	9·910 383	5	444	
		10		16			5		
557	9·764 559		9.854 182	16	0.145 818	9·910 378	6	443	
558	9·764 570	11	9.854 198	16	0.145 802	9·910 372		442	
559	9·764 580	10	9.854 214	16	0.145 786	9·910 367	5	441	
		11		16			6		
·560	9·764 591		9.854 230		0.145 770	9·910 361		**·440**	
		11		16			5		
561	9·764 602		9.854 246		0.145 754	9·910 356	6	439	
562	9·764 612	10	9.854 262	16	0.145 738	9·910 350		438	
563	9·764 623	11	9.854 278	16	0.145 722	9·910 345	5	437	
		10		16			5		
564	9·764 633		9.854 294	16	0.145 706	9·910 340	6	436	
565	9·764 644	11	9.854 310	16	0.145 690	9·910 334		435	
566	9·764 655	11	9.854 326	16	0.145 674	9·910 329	5	434	
		10		16			6		
567	9·764 665		9.854 342	16	0.145 658	9·910 323		433	
568	9·764 676	11	9.854 358	16	0.145 642	9·910 318	5	432	
569	9·764 686	10	9.854 374	16	0.145 626	9·910 312	6	431	
		11		16			5		
·570	9·764 697		9.854 390		0.145 610	9·910 307		**·430**	
		11		16			5		
571	9·764 708		9.854 406		0.145 594	9·910 302	6	429	
572	9·764 718	10	9.854 422	16	0.145 578	9·910 296		428	
573	9·764 729	11	9.854 438	16	0.145 562	9·910 291	5	427	
		10		16			6		
574	9·764 739		9.854 454	16	0.145 546	9·910 285		426	
575	9·764 750	11	9.854 470	16	0.145 530	9·910 280	5	425	
576	9·764 761	11	9.854 486	16	0.145 514	9·910 275	5	424	
		10		16			6		
577	9·764 771		9.854 502	16	0.145 498	9·910 269		423	
578	9·764 782	11	9.854 518	16	0.145 482	9·910 264	5	422	
579	9·764 792	10	9.854 534	16	0.145 466	9·910 258	6	421	
		11		16			5		
·580	9·764 803		9.854 550		0.145 450	9·910 253		**·420**	
		11		16			6		
581	9·764 814		9.854 566		0.145 434	9·910 247		419	
582	9·764 824	10	9.854 582	16	0.145 418	9·910 242	5	418	
583	9·764 835	11	9.854 598	16	0.145 402	9·910 237	5	417	
		10		16			6		
584	9·764 845		9.854 614	16	0.145 386	9·910 231		416	
585	9·764 856	11	9.854 630	16	0.145 370	9·910 226	5	415	
586	9·764 866	10	9.854 646	16	0.145 354	9·910 220	6	414	
		11		16			5		
587	9·764 877		9.854 662	16	0.145 338	9·910 215	6	413	
588	9·764 888	11	9.854 678	16	0.145 322	9·910 209		412	
589	9·764 898	10	9.854 694	16	0.145 306	9·910 204	5	411	
		11		16			5		
·590	9·764 909		9.854 710		0.145 290	9·910 199	6	**·410**	
		10		16					
591	9·764 919		9.854 726	16	0.145 274	9·910 193		409	
592	9·764 930	11	9.854 742	16	0.145 258	9·910 188	5	408	
593	9·764 941	11	9.854 758	16	0.145 242	9·910 182	6	407	
		10		16			5		
594	9·764 951		9.854 774	16	0.145 226	9·910 177	6	406	
595	9·764 962	11	9.854 790	16	0.145 210	9·910 171		405	
596	9·764 972	10	9.854 806	16	0.145 194	9·910 166	5	404	
		11		16			5		
597	9·764 983		9.854 822	16	0.145 178	9·910 161	6	403	
598	9·764 994	11	9.854 838	16	0.145 162	9·910 155		402	
599	9·765 004	10	9.854 854	16	0.145 146	9·910 150	5	401	
		11		16			6		
.600	9·765 015		9.854 870		0.145 130	9·910 144		**·400**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.450 — 54°.400

35°.600 — 35°.650

35°	sin	d	tang	d	cotg	cos	d		P.P.		
.600	9.765 015		9.854 870		0.145 130	9.910 144		**.400**			
		10		16			5				
601	9.765 025		9.854 886		0.145 114	9.910 139		399			
602	9.765 036	11	9.854 902	16	0.145 098	9.910 134	5	398			
603	9.765 046	10	9.854 918	16	0.145 082	9.910 128	6	397			
		11		16			5				
604	9.765 057		9.854 934		0.145 066	9.910 123		396			
605	9.765 068	11	9.854 950	16	0.145 050	9.910 117	6	395			
606	9.765 078	10	9.854 966	16	0.145 034	9.910 112	5	394			
		11		16			6				
607	9.765 089		9.854 982		0.145 018	9.910 106		393			
608	9.765 099	10	9.854 998	16	0.145 002	9.910 101	5	392			
609	9.765 110	11	9.855 014	16	0.144 986	9.910 096	5	391			
		11		17			6				
.610	9.765 121		9.855 031		0.144 969	9.910 090		**.390**			
		10		16			5				
611	9.765 131		9.855 047		0.144 953	9.910 085		389			
612	9.765 142	11	9.855 063	16	0.144 937	9.910 079	6	388			
613	9.765 152	10	9.855 079	16	0.144 921	9.910 074	5	387			
		11		16			6				
614	9.765 163		9.855 095		0.144 905	9.910 068		386			
615	9.765 174	11	9.855 111	16	0.144 889	9.910 063	5	385			
616	9.765 184	10	9.855 127	16	0.144 873	9.910 058	5	384			
		11		16			6				
617	9.765 195		9.855 143		0.144 857	9.910 052		383			
618	9.765 205	10	9.855 159	16	0.144 841	9.910 047	5	382			
619	9.765 216	11	9.855 175	16	0.144 825	9.910 041	6	381			
		10		16			5				
.620	9.765 226		9.855 191		0.144 809	9.910 036		**.380**			
		11		16			6				
621	9.765 237		9.855 207		0.144 793	9.910 030		379			
622	9.765 248	11	9.855 223	16	0.144 777	9.910 025	5	378			
623	9.765 258	10	9.855 239	16	0.144 761	9.910 020	5	377			
		11		16			6				
624	9.765 269		9.855 255		0.144 745	9.910 014		376			
625	9.765 279	10	9.855 271	16	0.144 729	9.910 009	5	375			
626	9.765 290	11	9.855 287	16	0.144 713	9.910 003	6	374			
		10		16			5				
627	9.765 300		9.855 303		0.144 697	9.909 998		373			
628	9.765 311	11	9.855 319	16	0.144 681	9.909 992	6	372			
629	9.765 322	11	9.855 335	16	0.144 665	9.909 987	5	371			
		10		16			6				
.630	9.765 332		9.855 351		0.144 649	9.909 981		**.370**			
		11		16			5				
631	9.765 343		9.855 367		0.144 633	9.909 976		369			
632	9.765 353	10	9.855 383	16	0.144 617	9.909 971	5	368			
633	9.765 364	11	9.855 399	16	0.144 601	9.909 965	6	367			
		10		16			5				
634	9.765 374		9.855 415		0.144 585	9.909 960		366			
635	9.765 385	11	9.855 431	16	0.144 569	9.909 954	6	365			
636	9.765 396	11	9.855 447	16	0.144 553	9.909 949	5	364			
		10		16			6				
637	9.765 406		9.855 463		0.144 537	9.909 943		363			
638	9.765 417	11	9.855 479	16	0.144 521	9.909 938	5	362			
639	9.765 427	10	9.855 495	16	0.144 505	9.909 933	5	361			
		11		16			6				
.640	9.765 438		9.855 511		0.144 489	9.909 927		**.360**			
		10		16			5				
641	9.765 448		9.855 527		0.144 473	9.909 922		359			
642	9.765 459	11	9.855 543	16	0.144 457	9.909 916	6	358			
643	9.765 470	11	9.855 559	16	0.144 441	9.909 911	5	357			
		10		16			6				
644	9.765 480		9.855 575		0.144 425	9.909 905		356			
645	9.765 491	11	9.855 591	16	0.144 409	9.909 900	5	355			
646	9.765 501	10	9.855 607	16	0.144 393	9.909 895	5	354			
		11		16			6				
647	9.765 512		9.855 623		0.144 377	9.909 889		353			
648	9.765 522	10	9.855 639	16	0.144 361	9.909 884	5	352			
649	9.765 533	11	9.855 655	16	0.144 345	9.909 878	6	351			
		11		16			5				
.650	9.765 544		9.855 671		0.144 329	9.909 873		**.350**			
	cos	d	cotg	d	tang	sin	d	54°	P.P.		

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.400 — 54°.350

35°.650 — 35°.700

35°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.765 544		9.855 671		0.144 329	9.909 873		.350	
		10		16			6		
651	9.765 554		9.855 687		0.144 313	9.909 867		349	
652	9.765 565	11	9.855 703	16	0.144 297	9.909 862	5	348	
653	9.765 575	10	9.855 719	16	0.144 281	9.909 856	6	347	
		11		16			5		
654	9.765 586		9.855 735		0.144 265	9.909 851		346	
655	9.765 596	10	9.855 751	16	0.144 249	9.909 846	5	345	
656	9.765 607	11	9.855 767	16	0.144 233	9.909 840	6	344	
		11		16			5		
657	9.765 618		9.855 783		0.144 217	9.909 835		343	
658	9.765 628	10	9.855 799	16	0.144 201	9.909 829	6	342	
659	9.765 639	11	9.855 815	16	0.144 185	9.909 824	5	341	
		10		16			6		
.660	9.765 649		9.855 831		0.144 169	9.909 818		.340	
		11		16			5		
661	9.765 660		9.855 847		0.144 153	9.909 813		339	
662	9.765 670	10	9.855 863	16	0.144 137	9.909 808	5	338	
663	9.765 681	11	9.855 879	16	0.144 121	9.909 802	6	337	
		11		16			5		
664	9.765 692		9.855 895		0.144 105	9.909 797		336	
665	9.765 702	10	9.855 911	16	0.144 089	9.909 791	6	335	
666	9.765 713	11	9.855 927	16	0.144 073	9.909 786	5	334	
		10		16			6		
667	9.765 723		9.855 943		0.144 057	9.909 780		333	
668	9.765 734	11	9.855 959	16	0.144 041	9.909 775	5	332	
669	9.765 744	10	9.855 975	16	0.144 025	9.909 769	6	331	
		11		16			5		
.670	9.765 755		9.855 991		0.144 009	9.909 764		.330	
		10		16			5		
671	9.765 765		9.856 007		0.143 993	9.909 759		329	
672	9.765 776	11	9.856 023	16	0.143 977	9.909 753	6	328	
673	9.765 787	11	9.856 039	16	0.143 961	9.909 748	5	327	
		10		16			6		
674	9.765 797		9.856 055		0.143 945	9.909 742		326	
675	9.765 808	11	9.856 071	16	0.143 929	9.909 737	5	325	
676	9.765 818	10	9.856 087	16	0.143 913	9.909 731	6	324	
		11		16			5		
677	9.765 829		9.856 103		0.143 897	9.909 726		323	
678	9.765 839	10	9.856 119	16	0.143 881	9.909 720	6	322	
679	9.765 850	11	9.856 135	16	0.143 865	9.909 715	5	321	
		10		16			5		
.680	9.765 860		9.856 151		0.143 849	9.909 710		.320	
		11		16			6		
681	9.765 871		9.856 167		0.143 833	9.909 704		319	
682	9.765 882	11	9.856 183	16	0.143 817	9.909 699	5	318	
683	9.765 892	10	9.856 199	16	0.143 801	9.909 693	6	317	
		11		16			5		
684	9.765 903		9.856 215		0.143 785	9.909 688		316	
685	9.765 913	10	9.856 231	16	0.143 769	9.909 682	6	315	
686	9.765 924	11	9.856 247	16	0.143 753	9.909 677	5	314	
		10		16			6		
687	9.765 934		9.856 263		0.143 737	9.909 671		313	
688	9.765 945	11	9.856 279	16	0.143 721	9.909 666	5	312	
689	9.765 955	10	9.856 295	16	0.143 705	9.909 661	5	311	
		11		16			6		
.690	9.765 966		9.856 311		0.143 689	9.909 655		.310	
		11		16			5		
691	9.765 977		9.856 327		0.143 673	9.909 650		309	
692	9.765 987	10	9.856 343	16	0.143 657	9.909 644	6	308	
693	9.765 998	11	9.856 359	16	0.143 641	9.909 639	5	307	
		10		16			6		
694	9.766 008		9.856 375		0.143 625	9.909 633		306	
695	9.766 019	11	9.856 391	16	0.143 609	9.909 628	5	305	
696	9.766 029	10	9.856 407	16	0.143 593	9.909 622	6	304	
		11		16			5		
697	9.766 040		9.856 423		0.143 577	9.909 617		303	
698	9.766 050	10	9.856 439	16	0.143 561	9.909 612	5	302	
699	9.766 061	11	9.856 455	16	0.143 545	9.909 606	6	301	
		11		16			5		
.700	9.766 072		9.856 471		0.143 529	9.909 601		.300	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	16
1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.350 — 54°.300

35°.700 — 35°.750

35°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.766 072		9.856 471		0.143 529	9.909 601		**.300**	
		10		16			6		
701	9.766 082		9.856 487		0.143 513	9.909 595		299	
		11		16			5		
702	9.766 093		9.856 503		0.143 497	9.909 590		298	
		10		16			6		
703	9.766 103		9.856 519		0.143 481	9.909 584		297	
		11		16			5		
704	9.766 114		9.856 535		0.143 465	9.909 579		296	
		10		16			6		
705	9.766 124		9.856 551		0.143 449	9.909 573		295	
		11		16			5		
706	9.766 135		9.856 567		0.143 433	9.909 568		294	
		10		16			5		
707	9.766 145		9.856 583		0.143 417	9.909 563		293	
		11		16			6		
708	9.766 156		9.856 599		0.143 401	9.909 557		292	
		10		16			5		
709	9.766 166		9.856 615		0.143 385	9.909 552		291	
		11		16			6		
.710	9.766 177		9.856 631		0.143 369	9.909 546		**.290**	
		11		16			5		
711	9.766 188		9.856 647		0.143 353	9.909 541		289	
		10		16			6		
712	9.766 198		9.856 663		0.143 337	9.909 535		288	
		11		16			5		
713	9.766 209		9.856 679		0.143 321	9.909 530		287	
		10		16			6		
714	9.766 219		9.856 695		0.143 305	9.909 524		286	
		11		16			5		
715	9.766 230		9.856 711		0.143 289	9.909 519		285	
		10		16			5		
716	9.766 240		9.856 727		0.143 273	9.909 514		284	
		11		16			6		
717	9.766 251		9.856 743		0.143 257	9.909 508		283	
		10		16			5		
718	9.766 261		9.856 759		0.143 241	9.909 503		282	
		11		16			6		
719	9.766 272		9.856 775		0.143 225	9.909 497		281	
		10		16			5		
.720	9.766 282		9.856 791		0.143 209	9.909 492		**.280**	
		11		16			6		
721	9.766 293		9.856 807		0.143 193	9.909 486		279	
		11		16			5		
722	9.766 304		9.856 823		0.143 177	9.909 481		278	
		10		16			6		
723	9.766 314		9.856 839		0.143 161	9.909 475		277	
		11		16			5		
724	9.766 325		9.856 855		0.143 145	9.909 470		276	
		10		16			6		
725	9.766 335		9.856 871		0.143 129	9.909 464		275	
		11		16			5		
726	9.766 346		9.856 887		0.143 113	9.909 459		274	
		10		16			5		
727	9.766 356		9.856 903		0.143 097	9.909 454		273	
		11		16			6		
728	9.766 367		9.856 919		0.143 081	9.909 448		272	
		10		16			5		
729	9.766 377		9.856 935		0.143 065	9.909 443		271	
		11		16			6		
.730	9.766 388		9.856 951		0.143 049	9.909 437		**.270**	
		10		16			5		
731	9.766 398		9.856 967		0.143 033	9.909 432		269	
		11		16			6		
732	9.766 409		9.856 983		0.143 017	9.909 426		268	
		10		16			5		
733	9.766 419		9.856 999		0.143 001	9.909 421		267	
		11		16			6		
734	9.766 430		9.857 015		0.142 985	9.909 415		266	
		10		16			5		
735	9.766 440		9.857 031		0.142 969	9.909 410		265	
		11		16			6		
736	9.766 451		9.857 047		0.142 953	9.909 404		264	
		11		16			5		
737	9.766 462		9.857 063		0.142 937	9.909 399		263	
		10		16			5		
738	9.766 472		9.857 079		0.142 921	9.909 394		262	
		11		16			6		
739	9.766 483		9.857 095		0.142 905	9.909 388		261	
		10		15			5		
.740	9.766 493		9.857 110		0.142 890	9.909 383		**.260**	
		11		16			6		
741	9.766 504		9.857 126		0.142 874	9.909 377		259	
		10		16			5		
742	9.766 514		9.857 142		0.142 858	9.909 372		258	
		11		16			6		
743	9.766 525		9.857 158		0.142 842	9.909 366		257	
		10		16			5		
744	9.766 535		9.857 174		0.142 826	9.909 361		256	
		11		16			6		
745	9.766 546		9.857 190		0.142 810	9.909 355		255	
		10		16			5		
746	9.766 556		9.857 206		0.142 794	9.909 350		254	
		11		16			6		
747	9.766 567		9.857 222		0.142 778	9.909 344		253	
		10		16			5		
748	9.766 577		9.857 238		0.142 762	9.909 339		252	
		11		16			5		
749	9.766 588		9.857 254		0.142 746	9.909 334		251	
		10		16			6		
.750	9.766 598		9.857 270		0.142 730	9.909 328		**.250**	
	cos	d	cotg	d	tang	sin	d	**54°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.300 — 54°.250

35°.750 — 35°.800

35°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.766 598		9.857 270		0.142 730	9.909 328		**.250**	
		11		16			5		
751	9.766 609		9.857 286		0.142 714	9.909 323		249	
		11		16			6		
752	9.766 620		9.857 302		0.142 698	9.909 317		248	
		10		16			5		
753	9.766 630		9.857 318		0.142 682	9.909 312		247	
		11		16			6		
754	9.766 641		9.857 334		0.142 666	9.909 306		246	
		10		16			5		
755	9.766 651		9.857 350		0.142 650	9.909 301		245	
		11		16			6		
756	9.766 662		9.857 366		0.142 634	9.909 295		244	
		10		16			5		
757	9.766 672		9.857 382		0.142 618	9.909 290		243	
		11		16			6		
758	9.766 683		9.857 398		0.142 602	9.909 284		242	
		10		16			5		
759	9.766 693		9.857 414		0.142 586	9.909 279		241	
		11		16			5		
.760	9.766 704		9.857 430		0.142 570	9.909 274		**.240**	
		10		16			6		
761	9.766 714		9.857 446		0.142 554	9.909 268		239	
		11		16			5		
762	9.766 725		9.857 462		0.142 538	9.909 263		238	
		10		16			6		
763	9.766 735		9.857 478		0.142 522	9.909 257		237	
		11		16			5		
764	9.766 746		9.857 494		0.142 506	9.909 252		236	
		10		16			6		
765	9.766 756		9.857 510		0.142 490	9.909 246		235	
		11		16			5		
766	9.766 767		9.857 526		0.142 474	9.909 241		234	
		10		16			6		
767	9.766 777		9.857 542		0.142 458	9.909 235		233	
		11		16			5		
768	9.766 788		9.857 558		0.142 442	9.909 230		232	
		10		16			6		
769	9.766 798		9.857 574		0.142 426	9.909 224		231	
		11		16			5		
.770	9.766 809		9.857 590		0.142 410	9.909 219		**.230**	
		10		16			6		
771	9.766 819		9.857 606		0.142 394	9.909 213		229	
		11		16			5		
772	9.766 830		9.857 622		0.142 378	9.909 208		228	
		11		16			5		
773	9.766 841		9.857 638		0.142 362	9.909 203		227	
		10		16			6		
774	9.766 851		9.857 654		0.142 346	9.909 197		226	
		11		16			5		
775	9.766 862		9.857 670		0.142 330	9.909 192		225	
		10		16			6		
776	9.766 872		9.857 686		0.142 314	9.909 186		224	
		11		16			5		
777	9.766 883		9.857 702		0.142 298	9.909 181		223	
		10		16			6		
778	9.766 893		9.857 718		0.142 282	9.909 175		222	
		11		16			5		
779	9.766 904		9.857 734		0.142 266	9.909 170		221	
		10		16			6		
.780	9.766 914		9.857 750		0.142 250	9.909 164		**.220**	
		11		16			5		
781	9.766 925		9.857 766		0.142 234	9.909 159		219	
		10		16			6		
782	9.766 935		9.857 782		0.142 218	9.909 153		218	
		11		16			5		
783	9.766 946		9.857 798		0.142 202	9.909 148		217	
		10		16			6		
784	9.766 956		9.857 814		0.142 186	9.909 142		216	
		11		16			5		
785	9.766 967		9.857 830		0.142 170	9.909 137		215	
		10		16			5		
786	9.766 977		9.857 846		0.142 154	9.909 132		214	
		11		16			6		
787	9.766 988		9.857 862		0.142 138	9.909 126		213	
		10		16			5		
788	9.766 998		9.857 878		0.142 122	9.909 121		212	
		11		16			6		
789	9.767 009		9.857 894		0.142 106	9.909 115		211	
		10		16			5		
.790	9.767 019		9.857 910		0.142 090	9.909 110		**.210**	
		11		16			6		
791	9.767 030		9.857 926		0.142 074	9.909 104		209	
		10		16			5		
792	9.767 040		9.857 942		0.142 058	9.909 099		208	
		11		16			6		
793	9.767 051		9.857 958		0.142 042	9.909 093		207	
		10		16			5		
794	9.767 061		9.857 974		0.142 026	9.909 088		206	
		11		16			6		
795	9.767 072		9.857 990		0.142 010	9.909 082		205	
		10		16			5		
796	9.767 082		9.858 006		0.141 994	9.909 077		204	
		11		15			6		
797	9.767 093		9.858 021		0.141 979	9.909 071		203	
		10		16			5		
798	9.767 103		9.858 037		0.141 963	9.909 066		202	
		11		16			6		
799	9.767 114		9.858 053		0.141 947	9.909 060		201	
		10		16			5		
.800	9.767 124		9.858 069		0.141 931	9.909 055		**.200**	
	cos	d	cotg	d	tang	sin	d	**54°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.250 — 54°.200

35°.800 — 35°.850

35°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.767 124		9.858 069		0.141 931	9.909 055		**.200**	
		11		16			5		
801	9.767 135		9.858 085		0.141 915	9.909 050	6	199	
802	9.767 145	10	9.858 101	16	0.141 899	9.909 044		198	
803	9.767 156	11	9.858 117	16	0.141 883	9.909 039	5	197	
		10		16			6		
804	9.767 166		9.858 133		0.141 867	9.909 033		196	
805	9.767 177	11	9.858 149	16	0.141 851	9.909 028	5	195	
806	9.767 187	10	9.858 165	16	0.141 835	9.909 022	6	194	
		11		16			5		
807	9.767 198		9.858 181		0.141 819	9.909 017		193	
808	9.767 209	11	9.858 197	16	0.141 803	9.909 011	6	192	
809	9.767 219	10	9.858 213	16	0.141 787	9.909 006	5	191	
		11		16			6		
.810	9.767 230		9.858 229		0.141 771	9.909 000		**.190**	
		10		16			5		
811	9.767 240		9.858 245		0.141 755	9.908 995	6	189	
812	9.767 251	11	9.858 261	16	0.141 739	9.908 989		188	
813	9.767 261	10	9.858 277	16	0.141 723	9.908 984	5	187	
		11		16			6		
814	9.767 272		9.858 293		0.141 707	9.908 978		186	
815	9.767 282	10	9.858 309	16	0.141 691	9.908 973	5	185	
816	9.767 293	11	9.858 325	16	0.141 675	9.908 968	5	184	
		10		16			6		
817	9.767 303		9.858 341		0.141 659	9.908 962		183	
818	9.767 314	11	9.858 357	16	0.141 643	9.908 957	5	182	
819	9.767 324	10	9.858 373	16	0.141 627	9.908 951	6	181	
		11		16			5		
.820	9.767 335		9.858 389		0.141 611	9.908 946		**.180**	
		10		16			6		
821	9.767 345		9.858 405		0.141 595	9.908 940		179	
822	9.767 356	11	9.858 421	16	0.141 579	9.908 935	5	178	
823	9.767 366	10	9.858 437	16	0.141 563	9.908 929	6	177	
		11		16			5		
824	9.767 377		9.858 453		0.141 547	9.908 924	6	176	
825	9.767 387	10	9.858 469	16	0.141 531	9.908 918		175	
826	9.767 398	11	9.858 485	16	0.141 515	9.908 913	5	174	
		10		16			6		
827	9.767 408		9.858 501		0.141 499	9.908 907		173	
828	9.767 419	11	9.858 517	16	0.141 483	9.908 902	5	172	
829	9.767 429	10	9.858 533	16	0.141 467	9.908 896	6	171	
		11		16			5		
.830	9.767 440		9.858 549		0.141 451	9.908 891		**.170**	
		10		16			6		
831	9.767 450		9.858 565		0.141 435	9.908 885		169	
832	9.767 461	11	9.858 581	16	0.141 419	9.908 880	5	168	
833	9.767 471	10	9.858 597	16	0.141 403	9.908 875	5	167	
		11		16			6		
834	9.767 482		9.858 613		0.141 387	9.908 869		166	
835	9.767 492	10	9.858 628	15	0.141 372	9.908 864	5	165	
836	9.767 503	11	9.858 644	16	0.141 356	9.908 858	6	164	
		10		16			5		
837	9.767 513		9.858 660		0.141 340	9.908 853	6	163	
838	9.767 524	11	9.858 676	16	0.141 324	9.908 847		162	
839	9.767 534	10	9.858 692	16	0.141 308	9.908 842	5	161	
		11		16			6		
.840	9.767 545		9.858 708		0.141 292	9.908 836		**.160**	
		10		16			5		
841	9.767 555		9.858 724		0.141 276	9.908 831	6	159	
842	9.767 566	11	9.858 740	16	0.141 260	9.908 825		158	
843	9.767 576	10	9.858 756	16	0.141 244	9.908 820	5	157	
		10		16			6		
844	9.767 586		9.858 772		0.141 228	9.908 814		156	
845	9.767 597	11	9.858 788	16	0.141 212	9.908 809	5	155	
846	9.767 607	10	9.858 804	16	0.141 196	9.908 803	6	154	
		11		16			5		
847	9.767 618		9.858 820		0.141 180	9.908 798	6	153	
848	9.767 628	10	9.858 836	16	0.141 164	9.908 792		152	
849	9.767 639	11	9.858 852	16	0.141 148	9.908 787	5	151	
		10		16			6		
.850	9.767 649		9.858 868		0.141 132	9.908 781		**.150**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	16	15
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2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
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5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.200 — 54°.150

35°.850 — 35°.900

35°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.767 649		9.858 868		0.141 132	9.908 781		**.150**	
		11		16			5		
851	9.767 660		9.858 884		0.141 116	9.908 776		149	
852	9.767 670	10	9.858 900	16	0.141 100	9.908 770	6	148	
853	9.767 681	11	9.858 916	16	0.141 084	9.908 765	5	147	
		10		16			5		
854	9.767 691		9.858 932		0.141 068	9.908 760		146	
855	9.767 702	11	9.858 948	16	0.141 052	9.908 754	6	145	
856	9.767 712	10	9.858 964	16	0.141 036	9.908 749	5	144	
		11		16			6		
857	9.767 723		9.858 980		0.141 020	9.908 743		143	
858	9.767 733	10	9.858 996	16	0.141 004	9.908 738	5	142	
859	9.767 744	11	9.859 012	16	0.140 988	9.908 732	6	141	
		10		16			5		
.860	9.767 754		9.859 028		0.140 972	9.908 727		**.140**	
		11		16			6		
861	9.767 765		9.859 044		0.140 956	9.908 721		139	
862	9.767 775	10	9.859 060	16	0.140 940	9.908 716	5	138	
863	9.767 786	11	9.859 076	16	0.140 924	9.908 710	6	137	
		10		16			5		
864	9.767 796		9.859 092		0.140 908	9.908 705		136	
865	9.767 807	11	9.859 107	15	0.140 893	9.908 699	6	135	
866	9.767 817	10	9.859 123	16	0.140 877	9.908 694	5	134	
		11		16			6		
867	9.767 828		9.859 139		0.140 861	9.908 688		133	
868	9.767 838	10	9.859 155	16	0.140 845	9.908 683	5	132	
869	9.767 849	11	9.859 171	16	0.140 829	9.908 677	6	131	
		10		16			5		
.870	9.767 859		9.859 187		0.140 813	9.908 672		**.130**	
		11		16			6		
871	9.767 870		9.859 203		0.140 797	9.908 666		129	
872	9.767 880	10	9.859 219	16	0.140 781	9.908 661	5	128	
873	9.767 891	11	9.859 235	16	0.140 765	9.908 655	6	127	
		10		16			5		
874	9.767 901		9.859 251		0.140 749	9.908 650		126	
875	9.767 912	11	9.859 267	16	0.140 733	9.908 644	6	125	
876	9.767 922	10	9.859 283	16	0.140 717	9.908 639	5	124	
		11		16			6		
877	9.767 933		9.859 299		0.140 701	9.908 633		123	
878	9.767 943	10	9.859 315	16	0.140 685	9.908 628	5	122	
879	9.767 954	11	9.859 331	16	0.140 669	9.908 623	5	121	
		10		16			6		
.880	9.767 964		9.859 347		0.140 653	9.908 617		**.120**	
		10		16			5		
881	9.767 974		9.859 363		0.140 637	9.908 612		119	
882	9.767 985	11	9.859 379	16	0.140 621	9.908 606	6	118	
883	9.767 995	10	9.859 395	16	0.140 605	9.908 601	5	117	
		11		16			6		
884	9.768 006		9.859 411		0.140 589	9.908 595		116	
885	9.768 016	10	9.859 427	16	0.140 573	9.908 590	5	115	
886	9.768 027	11	9.859 443	16	0.140 557	9.908 584	6	114	
		10		16			5		
887	9.768 037		9.859 459		0.140 541	9.908 579		113	
888	9.768 048	11	9.859 475	16	0.140 525	9.908 573	6	112	
889	9.768 058	10	9.859 491	16	0.140 509	9.908 568	5	111	
		11		16			6		
.890	9.768 069		9.859 507		0.140 493	9.908 562		**.110**	
		10		16			5		
891	9.768 079		9.859 523		0.140 477	9.908 557		109	
892	9.768 090	11	9.859 538	15	0.140 462	9.908 551	6	108	
893	9.768 100	10	9.859 554	16	0.140 446	9.908 546	5	107	
		11		16			6		
894	9.768 111		9.859 570		0.140 430	9.908 540		106	
895	9.768 121	10	9.859 586	16	0.140 414	9.908 535	5	105	
896	9.768 132	11	9.859 602	16	0.140 398	9.908 529	6	104	
		10		16			5		
897	9.768 142		9.859 618		0.140 382	9.908 524		103	
898	9.768 153	11	9.859 634	16	0.140 366	9.908 518	6	102	
899	9.768 163	10	9.859 650	16	0.140 350	9.908 513	5	101	
		10		16			6		
.900	9.768 173		9.859 666		0.140 334	9.908 507		**.100**	
	cos	d	cotg	d	tang	sin	d	**54°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.150 — 54°.100

35°.900 — 35°.950

35°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.768 173		9.859 666		0.140 334	9.908 507		**.100**	
		11		16			5		
901	9.768 184		9.859 682		0.140 318	9.908 502		099	
		10		16			6		
902	9.768 194		9.859 698		0.140 302	9.908 496		098	
		11		16			5		
903	9.768 205		9.859 714		0.140 286	9.908 491		097	
		10		16			6		
904	9.768 215		9.859 730		0.140 270	9.908 485		096	
		11		16			5		
905	9.768 226		9.859 746		0.140 254	9.908 480		095	
		10		16			6		
906	9.768 236		9.859 762		0.140 238	9.908 474		094	
		11		16			5		
907	9.768 247		9.859 778		0.140 222	9.908 469		093	
		10		16			6		
908	9.768 257		9.859 794		0.140 206	9.908 463		092	
		11		16			5		
909	9.768 268		9.859 810		0.140 190	9.908 458		091	
		10		16			6		
.910	9.768 278		9.859 826		0.140 174	9.908 452		**.090**	
		11		16			5		
911	9.768 289		9.859 842		0.140 158	9.908 447		089	
		10		16			6		
912	9.768 299		9.859 858		0.140 142	9.908 441		088	
		11		16			5		
913	9.768 310		9.859 874		0.140 126	9.908 436		087	
		10		16			5		
914	9.768 320		9.859 890		0.140 110	9.908 431		086	
		11		15			6		
915	9.768 331		9.859 905		0.140 095	9.908 425		085	
		10		16			5		
916	9.768 341		9.859 921		0.140 079	9.908 420		084	
		10		16			6		
917	9.768 351		9.859 937		0.140 063	9.908 414		083	
		11		16			5		
918	9.768 362		9.859 953		0.140 047	9.908 409		082	
		10		16			6		
919	9.768 372		9.859 969		0.140 031	9.908 403		081	
		11		16			5		
.920	9.768 383		9.859 985		0.140 015	9.908 398		**.080**	
		10		16			6		
921	9.768 393		9.860 001		0.139 999	9.908 392		079	
		11		16			5		
922	9.768 404		9.860 017		0.139 983	9.908 387		078	
		10		16			6		
923	9.768 414		9.860 033		0.139 967	9.908 381		077	
		11		16			5		
924	9.768 425		9.860 049		0.139 951	9.908 376		076	
		10		16			6		
925	9.768 435		9.860 065		0.139 935	9.908 370		075	
		11		16			5		
926	9.768 446		9.860 081		0.139 919	9.908 365		074	
		10		16			6		
927	9.768 456		9.860 097		0.139 903	9.908 359		073	
		11		16			5		
928	9.768 467		9.860 113		0.139 887	9.908 354		072	
		10		16			6		
929	9.768 477		9.860 129		0.139 871	9.908 348		071	
		10		16			5		
.930	9.768 487		9.860 145		0.139 855	9.908 343		**.070**	
		11		16			6		
931	9.768 498		9.860 161		0.139 839	9.908 337		069	
		10		16			5		
932	9.768 508		9.860 177		0.139 823	9.908 332		068	
		11		16			6		
933	9.768 519		9.860 193		0.139 807	9.908 326		067	
		10		16			5		
934	9.768 529		9.860 209		0.139 791	9.908 321		066	
		11		16			6		
935	9.768 540		9.860 225		0.139 775	9.908 315		065	
		10		16			5		
936	9.768 550		9.860 241		0.139 759	9.908 310		064	
		11		15			6		
937	9.768 561		9.860 256		0.139 744	9.908 304		063	
		10		16			5		
938	9.768 571		9.860 272		0.139 728	9.908 299		062	
		11		16			6		
939	9.768 582		9.860 288		0.139 712	9.908 293		061	
		10		16			5		
.940	9.768 592		9.860 304		0.139 696	9.908 288		**.060**	
		10		16			6		
941	9.768 602		9.860 320		0.139 680	9.908 282		059	
		11		16			5		
942	9.768 613		9.860 336		0.139 664	9.908 277		058	
		10		16			6		
943	9.768 623		9.860 352		0.139 648	9.908 271		057	
		11		16			5		
944	9.768 634		9.860 368		0.139 632	9.908 266		056	
		10		16			6		
945	9.768 644		9.860 384		0.139 616	9.908 260		055	
		11		16			5		
946	9.768 655		9.860 400		0.139 600	9.908 255		054	
		10		16			6		
947	9.768 665		9.860 416		0.139 584	9.908 249		053	
		11		16			5		
948	9.768 676		9.860 432		0.139 568	9.908 244		052	
		10		16			6		
949	9.768 686		9.860 448		0.139 552	9.908 238		051	
		11		16			5		
.950	9.768 697		9.860 464		0.139 536	9.908 233		**.050**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	16	15
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2	3.2	3.0
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9	14.4	13.5

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9	9.9	9.0

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9	5.4	4.5

54°.100 — 54°.050

35°.950 — 36°.000

35°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.768 697		9.860 464		0.139 536	9.908 233		**.050**	
		10		16			6		
951	9.768 707		9.860 480		0.139 520	9.908 227		049	
952	9.768 717	10	9.860 496	16	0.139 504	9.908 222	5	048	
953	9.768 728	11	9.860 512	16	0.139 488	9.908 216	6	047	
		10		16			5		
954	9.768 738		9.860 528		0.139 472	9.908 211		046	
955	9.768 749	11	9.860 544	16	0.139 456	9.908 205	6	045	
956	9.768 759	10	9.860 560	16	0.139 440	9.908 200	5	044	
		11		15			6		
957	9.768 770		9.860 575		0.139 425	9.908 194		043	
958	9.768 780	10	9.860 591	16	0.139 409	9.908 189	5	042	
959	9.768 791	11	9.860 607	16	0.139 393	9.908 183	6	041	
		10		16			5		
.960	9.768 801		9.860 623		0.139 377	9.908 178		**.040**	
		11		16			6		
961	9.768 812		9.860 639		0.139 361	9.908 172		039	
962	9.768 822	10	9.860 655	16	0.139 345	9.908 167	5	038	
963	9.768 832	10	9.860 671	16	0.139 329	9.908 161	6	037	
		11		16			5		
964	9.768 843		9.860 687		0.139 313	9.908 156		036	
965	9.768 853	10	9.860 703	16	0.139 297	9.908 150	6	035	
966	9.768 864	11	9.860 719	16	0.139 281	9.908 145	5	034	
		10		16			6		
967	9.768 874		9.860 735		0.139 265	9.908 139		033	
968	9.768 885	11	9.860 751	16	0.139 249	9.908 134	5	032	
969	9.768 895	10	9.860 767	16	0.139 233	9.908 128	6	031	
		11		16			5		
.970	9.768 906		9.860 783		0.139 217	9.908 123		**.030**	
		10		16			6		
971	9.768 916		9.860 799		0.139 201	9.908 117		029	
972	9.768 926	10	9.860 815	16	0.139 185	9.908 112	5	028	
973	9.768 937	11	9.860 831	16	0.139 169	9.908 106	6	027	
		10		16			5		
974	9.768 947		9.860 847		0.139 153	9.908 101		026	
975	9.768 958	11	9.860 862	15	0.139 138	9.908 095	6	025	
976	9.768 968	10	9.860 878	16	0.139 122	9.908 090	5	024	
		11		16			6		
977	9.768 979		9.860 894		0.139 106	9.908 084		023	
978	9.768 989	10	9.860 910	16	0.139 090	9.908 079	5	022	
979	9.769 000	11	9.860 926	16	0.139 074	9.908 073	6	021	
		10		16			5		
.980	9.769 010		9.860 942		0.139 058	9.908 068		**.020**	
		10		16			6		
981	9.769 020		9.860 958		0.139 042	9.908 062		019	
982	9.769 031	11	9.860 974	16	0.139 026	9.908 057	5	018	
983	9.769 041	10	9.860 990	16	0.139 010	9.908 051	6	017	
		11		16			5		
984	9.769 052		9.861 006		0.138 994	9.908 046		016	
985	9.769 062	10	9.861 022	16	0.138 978	9.908 040	6	015	
986	9.769 073	11	9.861 038	16	0.138 962	9.908 035	5	014	
		10		16			6		
987	9.769 083		9.861 054		0.138 946	9.908 029		013	
988	9.769 093	10	9.861 070	16	0.138 930	9.908 024	5	012	
989	9.769 104	11	9.861 086	16	0.138 914	9.908 018	6	011	
		10		16			5		
.990	9.769 114		9.861 102		0.138 898	9.908 013		**.010**	
		11		16			6		
991	9.769 125		9.861 118		0.138 882	9.908 007		009	
992	9.769 135	10	9.861 134	16	0.138 866	9.908 002	5	008	
993	9.769 146	11	9.861 149	15	0.138 851	9.907 996	6	007	
		10		16			5		
994	9.769 156		9.861 165		0.138 835	9.907 991		006	
995	9.769 167	11	9.861 181	16	0.138 819	9.907 985	6	005	
996	9.769 177	10	9.861 197	16	0.138 803	9.907 980	5	004	
		10		16			6		
997	9.769 187		9.861 213		0.138 787	9.907 974		003	
998	9.769 198	11	9.861 229	16	0.138 771	9.907 969	5	002	
999	9.769 208	10	9.861 245	16	0.138 755	9.907 963	6	001	
		11		16			5		
***000**	9.769 219		9.861 261		0.138 739	9.907 958		**.000**	
	cos	d	cotg	d	tang	sin	d	**54°**	P.P.

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3	1.8	1.5
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8	4.8	4.0
9	5.4	4.5

54°.050 — 54°.000

36°.000 — 36°.050

36°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.769 219		9.861 261		0.138 739	9.907 958		***000**	
		10		16			6		
001	9.769 229		9.861 277		0.138 723	9.907 952		999	
002	9.769 240	11	9.861 293	16	0.138 707	9.907 947	5	998	
003	9.769 250	10	9.861 309	16	0.138 691	9.907 941	6	997	
		10		16			5		
004	9.769 260		9.861 325		0.138 675	9.907 936		996	
005	9.769 271	11	9.861 341	16	0.138 659	9.907 930	6	995	
006	9.769 281	10	9.861 357	16	0.138 643	9.907 925	5	994	
		11		16			6		
007	9.769 292		9.861 373		0.138 627	9.907 919		993	
008	9.769 302	10	9.861 389	16	0.138 611	9.907 914	5	992	
009	9.769 313	11	9.861 404	15	0.138 596	9.907 908	6	991	
		10		16			5		
.010	9.769 323		9.861 420		0.138 580	9.907 903		**.990**	
		10		16			6		
011	9.769 333		9.861 436		0.138 564	9.907 897		989	
012	9.769 344	11	9.861 452	16	0.138 548	9.907 892	5	988	
013	9.769 354	10	9.861 468	16	0.138 532	9.907 886	6	987	
		11		16			5		
014	9.769 365		9.861 484		0.138 516	9.907 881		986	
015	9.769 375	10	9.861 500	16	0.138 500	9.907 875	6	985	
016	9.769 386	11	9.861 516	16	0.138 484	9.907 870	5	984	
		10		16			6		
017	9.769 396		9.861 532		0.138 468	9.907 864		983	
018	9.769 406	10	9.861 548	16	0.138 452	9.907 858	6	982	
019	9.769 417	11	9.861 564	16	0.138 436	9.907 853	5	981	
		10		16			6		
.020	9.769 427		9.861 580		0.138 420	9.907 847		**.980**	
		11		16			5		
021	9.769 438		9.861 596		0.138 404	9.907 842		979	
022	9.769 448	10	9.861 612	16	0.138 388	9.907 836	6	978	
023	9.769 459	11	9.861 628	16	0.138 372	9.907 831	5	977	
		10		16			6		
024	9.769 469		9.861 644		0.138 356	9.907 825		976	
025	9.769 479	10	9.861 659	15	0.138 341	9.907 820	5	975	
026	9.769 490	11	9.861 675	16	0.138 325	9.907 814	6	974	
		10		16			5		
027	9.769 500		9.861 691		0.138 309	9.907 809		973	
028	9.769 511	11	9.861 707	16	0.138 293	9.907 803	6	972	
029	9.769 521	10	9.861 723	16	0.138 277	9.907 798	5	971	
		10		16			6		
.030	9.769 531		9.861 739		0.138 261	9.907 792		**.970**	
		11		16			5		
031	9.769 542		9.861 755		0.138 245	9.907 787		969	
032	9.769 552	10	9.861 771	16	0.138 229	9.907 781	6	968	
033	9.769 563	11	9.861 787	16	0.138 213	9.907 776	5	967	
		10		16			6		
034	9.769 573		9.861 803		0.138 197	9.907 770		966	
035	9.769 584	11	9.861 819	16	0.138 181	9.907 765	5	965	
036	9.769 594	10	9.861 835	16	0.138 165	9.907 759	6	964	
		10		16			5		
037	9.769 604		9.861 851		0.138 149	9.907 754		963	
038	9.769 615	11	9.861 867	16	0.138 133	9.907 748	6	962	
039	9.769 625	10	9.861 883	16	0.138 117	9.907 743	5	961	
		11		15			6		
.040	9.769 636		9.861 898		0.138 102	9.907 737		**.960**	
		10		16			5		
041	9.769 646		9.861 914		0.138 086	9.907 732		959	
042	9.769 657	11	9.861 930	16	0.138 070	9.907 726	6	958	
043	9.769 667	10	9.861 946	16	0.138 054	9.907 721	5	957	
		10		16			6		
044	9.769 677		9.861 962		0.138 038	9.907 715		956	
045	9.769 688	11	9.861 978	16	0.138 022	9.907 710	5	955	
046	9.769 698	10	9.861 994	16	0.138 006	9.907 704	6	954	
		11		16			5		
047	9.769 709		9.862 010		0.137 990	9.907 699		953	
048	9.769 719	10	9.862 026	16	0.137 974	9.907 693	6	952	
049	9.769 729	10	9.862 042	16	0.137 958	9.907 688	5	951	
		11		16			6		
.050	9.769 740		9.862 058		0.137 942	9.907 682		**.950**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
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9	5.4	4.5

54°.000 — 53°.950

36°.050 — 36°.100

36°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.769 740	10	9.862 058	16	0.137 942	9.907 682	5	**.950**	
051	9.769 750	11	9.862 074	16	0.137 926	9.907 677	6	949	
052	9.769 761	10	9.862 090	16	0.137 910	9.907 671	6	948	
053	9.769 771	10	9.862 106	16	0.137 894	9.907 665	5	947	
054	9.769 781	11	9.862 122	15	0.137 878	9.907 660	6	946	
055	9.769 792	10	9.862 137	16	0.137 863	9.907 654	5	945	
056	9.769 802	11	9.862 153	16	0.137 847	9.907 649	6	944	
057	9.769 813	10	9.862 169	16	0.137 831	9.907 643	5	943	
058	9.769 823	11	9.862 185	16	0.137 815	9.907 638	6	942	
059	9.769 834	10	9.862 201	16	0.137 799	9.907 632	5	941	
.060	9.769 844	10	9.862 217	16	0.137 783	9.907 627	6	**.940**	
061	9.769 854	11	9.862 233	16	0.137 767	9.907 621	5	939	
062	9.769 865	10	9.862 249	16	0.137 751	9.907 616	6	938	
063	9.769 875	11	9.862 265	16	0.137 735	9.907 610	5	937	
064	9.769 886	10	9.862 281	16	0.137 719	9.907 605	6	936	
065	9.769 896	10	9.862 297	16	0.137 703	9.907 599	5	935	
066	9.769 906	11	9.862 313	16	0.137 687	9.907 594	6	934	
067	9.769 917	10	9.862 329	16	0.137 671	9.907 588	5	933	
068	9.769 927	11	9.862 345	15	0.137 655	9.907 583	6	932	
069	9.769 938	10	9.862 360	16	0.137 640	9.907 577	5	931	
.070	9.769 948	10	9.862 376	16	0.137 624	9.907 572	6	**.930**	
071	9.769 958	11	9.862 392	16	0.137 608	9.907 566	5	929	
072	9.769 969	10	9.862 408	16	0.137 592	9.907 561	6	928	
073	9.769 979	11	9.862 424	16	0.137 576	9.907 555	5	927	
074	9.769 990	10	9.862 440	16	0.137 560	9.907 550	6	926	
075	9.770 000	10	9.862 456	16	0.137 544	9.907 544	5	925	
076	9.770 010	11	9.862 472	16	0.137 528	9.907 539	6	924	
077	9.770 021	10	9.862 488	16	0.137 512	9.907 533	6	923	
078	9.770 031	11	9.862 504	16	0.137 496	9.907 527	5	922	
079	9.770 042	10	9.862 520	16	0.137 480	9.907 522	6	921	
.080	9.770 052	10	9.862 536	16	0.137 464	9.907 516	5	**.920**	
081	9.770 062	11	9.862 552	16	0.137 448	9.907 511	6	919	
082	9.770 073	10	9.862 568	15	0.137 432	9.907 505	5	918	
083	9.770 083	11	9.862 583	16	0.137 417	9.907 500	6	917	
084	9.770 094	10	9.862 599	16	0.137 401	9.907 494	5	916	
085	9.770 104	10	9.862 615	16	0.137 385	9.907 489	6	915	
086	9.770 114	11	9.862 631	16	0.137 369	9.907 483	5	914	
087	9.770 125	10	9.862 647	16	0.137 353	9.907 478	6	913	
088	9.770 135	11	9.862 663	16	0.137 337	9.907 472	5	912	
089	9.770 146	10	9.862 679	16	0.137 321	9.907 467	6	911	
.090	9.770 156	10	9.862 695	16	0.137 305	9.907 461	5	**.910**	
091	9.770 166	11	9.862 711	16	0.137 289	9.907 456	6	909	
092	9.770 177	10	9.862 727	16	0.137 273	9.907 450	5	908	
093	9.770 187	11	9.862 743	16	0.137 257	9.907 445	6	907	
094	9.770 198	10	9.862 759	16	0.137 241	9.907 439	5	906	
095	9.770 208	10	9.862 775	15	0.137 225	9.907 434	6	905	
096	9.770 218	11	9.862 790	16	0.137 210	9.907 428	5	904	
097	9.770 229	10	9.862 806	16	0.137 194	9.907 423	6	903	
098	9.770 239	11	9.862 822	16	0.137 178	9.907 417	6	902	
099	9.770 250	10	9.862 838	16	0.137 162	9.907 411	5	901	
.100	9.770 260		9.862 854		0.137 146	9.907 406		**.900**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

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9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.950 — 53°.900

36°.100 — 36°.150

36°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.770 260		9.862 854		0.137 146	9.907 406		.900	
		10		16			6		
101	9.770 270		9.862 870		0.137 130	9.907 400		899	
102	9.770 281	11	9.862 886	16	0.137 114	9.907 395	5	898	
103	9.770 291	10	9.862 902	16	0.137 098	9.907 389	6	897	
		11		16			5		
104	9.770 302		9.862 918		0.137 082	9.907 384		896	
105	9.770 312	10	9.862 934	16	0.137 066	9.907 378	6	895	
106	9.770 322	10	9.862 950	16	0.137 050	9.907 373	5	894	
		11		16			6		
107	9.770 333		9.862 966		0.137 034	9.907 367		893	
108	9.770 343	10	9.862 981	15	0.137 019	9.907 362	5	892	
109	9.770 354	11	9.862 997	16	0.137 003	9.907 356	6	891	
		10		16			5		
.110	9.770 364		9.863 013		0.136 987	9.907 351		.890	
		10		16			6		
111	9.770 374		9.863 029		0.136 971	9.907 345		889	
112	9.770 385	11	9.863 045	16	0.136 955	9.907 340	5	888	
113	9.770 395	10	9.863 061	16	0.136 939	9.907 334	6	887	
		11		16			5		
114	9.770 406		9.863 077		0.136 923	9.907 329		886	
115	9.770 416	10	9.863 093	16	0.136 907	9.907 323	6	885	
116	9.770 426	10	9.863 109	16	0.136 891	9.907 317	6	884	
		11		16			5		
117	9.770 437		9.863 125		0.136 875	9.907 312		883	
118	9.770 447	10	9.863 141	16	0.136 859	9.907 306	6	882	
119	9.770 457	10	9.863 157	16	0.136 843	9.907 301	5	881	
		11		16			6		
.120	9.770 468		9.863 173		0.136 827	9.907 295		.880	
		10		15			5		
121	9.770 478		9.863 188		0.136 812	9.907 290		879	
122	9.770 489	11	9.863 204	16	0.136 796	9.907 284	6	878	
123	9.770 499	10	9.863 220	16	0.136 780	9.907 279	5	877	
		10		16			6		
124	9.770 509		9.863 236		0.136 764	9.907 273		876	
125	9.770 520	11	9.863 252	16	0.136 748	9.907 268	5	875	
126	9.770 530	10	9.863 268	16	0.136 732	9.907 262	6	874	
		11		16			5		
127	9.770 541		9.863 284		0.136 716	9.907 257		873	
128	9.770 551	10	9.863 300	16	0.136 700	9.907 251	6	872	
129	9.770 561	10	9.863 316	16	0.136 684	9.907 246	5	871	
		11		16			6		
.130	9.770 572		9.863 332		0.136 668	9.907 240		.870	
		10		16			6		
131	9.770 582		9.863 348		0.136 652	9.907 234		869	
132	9.770 592	10	9.863 364	16	0.136 636	9.907 229	5	868	
133	9.770 603	11	9.863 379	15	0.136 621	9.907 223	6	867	
		10		16			5		
134	9.770 613		9.863 395		0.136 605	9.907 218		866	
135	9.770 624	11	9.863 411	16	0.136 589	9.907 212	6	865	
136	9.770 634	10	9.863 427	16	0.136 573	9.907 207	5	864	
		10		16			6		
137	9.770 644		9.863 443		0.136 557	9.907 201		863	
138	9.770 655	11	9.863 459	16	0.136 541	9.907 196	5	862	
139	9.770 665	10	9.863 475	16	0.136 525	9.907 190	6	861	
		11		16			5		
.140	9.770 676		9.863 491		0.136 509	9.907 185		.860	
		10		16			6		
141	9.770 686		9.863 507		0.136 493	9.907 179		859	
142	9.770 696	10	9.863 523	16	0.136 477	9.907 174	5	858	
143	9.770 707	11	9.863 539	16	0.136 461	9.907 168	6	857	
		10		16			5		
144	9.770 717		9.863 555		0.136 445	9.907 163		856	
145	9.770 727	10	9.863 570	15	0.136 430	9.907 157	6	855	
146	9.770 738	11	9.863 586	16	0.136 414	9.907 151	6	854	
		10		16			5		
147	9.770 748		9.863 602		0.136 398	9.907 146		853	
148	9.770 759	11	9.863 618	16	0.136 382	9.907 140	6	852	
149	9.770 769	10	9.863 634	16	0.136 366	9.907 135	5	851	
		10		16			6		
.150	9.770 779		9.863 650		0.136 350	9.907 129		.850	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.900 — 53°.850

36°.150 — 36°.200

36°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.770 779		9.863 650		0.136 350	9.907 129		.850	
		11		16			5		
151	9.770 790		9.863 666		0.136 334	9.907 124		849	
		10		16			6		
152	9.770 800		9.863 682		0.136 318	9.907 118		848	
		10		16			5		
153	9.770 810		9.863 698		0.136 302	9.907 113		847	
		11		16			6		
154	9.770 821		9.863 714		0.136 286	9.907 107		846	
		10		16			5		
155	9.770 831		9.863 730		0.136 270	9.907 102		845	
		11		15			6		
156	9.770 842		9.863 745		0.136 255	9.907 096		844	
		10		16			5		
157	9.770 852		9.863 761		0.136 239	9.907 091		843	
		10		16			6		
158	9.770 862		9.863 777		0.136 223	9.907 085		842	
		11		16			6		
159	9.770 873		9.863 793		0.136 207	9.907 079		841	
		10		16			5		
.160	9.770 883		9.863 809		0.136 191	9.907 074		.840	
		10		16			6		
161	9.770 893		9.863 825		0.136 175	9.907 068		839	
		11		16			5		
162	9.770 904		9.863 841		0.136 159	9.907 063		838	
		10		16			6		
163	9.770 914		9.863 857		0.136 143	9.907 057		837	
		11		16			5		
164	9.770 925		9.863 873		0.136 127	9.907 052		836	
		10		16			6		
165	9.770 935		9.863 889		0.136 111	9.907 046		835	
		10		16			5		
166	9.770 945		9.863 905		0.136 095	9.907 041		834	
		11		15			6		
167	9.770 956		9.863 920		0.136 080	9.907 035		833	
		10		16			5		
168	9.770 966		9.863 936		0.136 064	9.907 030		832	
		10		16			6		
169	9.770 976		9.863 952		0.136 048	9.907 024		831	
		11		16			5		
.170	9.770 987		9.863 968		0.136 032	9.907 019		.830	
		10		16			6		
171	9.770 997		9.863 984		0.136 016	9.907 013		829	
		10		16			6		
172	9.771 007		9.864 000		0.136 000	9.907 007		828	
		11		16			5		
173	9.771 018		9.864 016		0.135 984	9.907 002		827	
		10		16			6		
174	9.771 028		9.864 032		0.135 968	9.906 996		826	
		11		16			5		
175	9.771 039		9.864 048		0.135 952	9.906 991		825	
		10		16			6		
176	9.771 049		9.864 064		0.135 936	9.906 985		824	
		10		16			5		
177	9.771 059		9.864 080		0.135 920	9.906 980		823	
		11		15			6		
178	9.771 070		9.864 095		0.135 905	9.906 974		822	
		10		16			5		
179	9.771 080		9.864 111		0.135 889	9.906 969		821	
		10		16			6		
.180	9.771 090		9.864 127		0.135 873	9.906 963		.820	
		11		16			5		
181	9.771 101		9.864 143		0.135 857	9.906 958		819	
		10		16			6		
182	9.771 111		9.864 159		0.135 841	9.906 952		818	
		10		16			6		
183	9.771 121		9.864 175		0.135 825	9.906 946		817	
		11		16			5		
184	9.771 132		9.864 191		0.135 809	9.906 941		816	
		10		16			6		
185	9.771 142		9.864 207		0.135 793	9.906 935		815	
		11		16			5		
186	9.771 153		9.864 223		0.135 777	9.906 930		814	
		10		16			6		
187	9.771 163		9.864 239		0.135 761	9.906 924		813	
		10		16			5		
188	9.771 173		9.864 255		0.135 745	9.906 919		812	
		11		15			6		
189	9.771 184		9.864 270		0.135 730	9.906 913		811	
		10		16			5		
.190	9.771 194		9.864 286		0.135 714	9.906 908		.810	
		10		16			6		
191	9.771 204		9.864 302		0.135 698	9.906 902		809	
		11		16			5		
192	9.771 215		9.864 318		0.135 682	9.906 897		808	
		10		16			6		
193	9.771 225		9.864 334		0.135 666	9.906 891		807	
		10		16			6		
194	9.771 235		9.864 350		0.135 650	9.906 885		806	
		11		16			5		
195	9.771 246		9.864 366		0.135 634	9.906 880		805	
		10		16			6		
196	9.771 256		9.864 382		0.135 618	9.906 874		804	
		11		16			5		
197	9.771 267		9.864 398		0.135 602	9.906 869		803	
		10		16			6		
198	9.771 277		9.864 414		0.135 586	9.906 863		802	
		10		16			5		
199	9.771 287		9.864 430		0.135 570	9.906 858		801	
		11		15			6		
.200	9.771 298		9.864 445		0.135 555	9.906 852		.800	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.850 — 53°.800

$36^\circ.200$ — $36^\circ.250$

36°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.771 298		9.864 445		0.135 555	9.906 852		**.800**	
		10		16			5		
201	9.771 308		9.864 461		0.135 539	9.906 847		799	
202	9.771 318	10	9.864 477	16	0.135 523	9.906 841	6	798	
203	9.771 329	11	9.864 493	16	0.135 507	9.906 836	5	797	
		10		16			6		
204	9.771 339		9.864 509		0.135 491	9.906 830		796	
205	9.771 349	10	9.864 525	16	0.135 475	9.906 824	6	795	
206	9.771 360	11	9.864 541	16	0.135 459	9.906 819	5	794	
		10		16			6		
207	9.771 370		9.864 557		0.135 443	9.906 813		793	
208	9.771 380	10	9.864 573	16	0.135 427	9.906 808	5	792	
209	9.771 391	11	9.864 589	16	0.135 411	9.906 802	6	791	
		10		15			5		
.210	9.771 401		9.864 604		0.135 396	9.906 797		**.790**	
		11		16			6		
211	9.771 412		9.864 620		0.135 380	9.906 791		789	
212	9.771 422	10	9.864 636	16	0.135 364	9.906 786	5	788	
213	9.771 432	10	9.864 652	16	0.135 348	9.906 780	6	787	
		11		16			6		
214	9.771 443		9.864 668		0.135 332	9.906 774		786	
215	9.771 453	10	9.864 684	16	0.135 316	9.906 769	5	785	
216	9.771 463	10	9.864 700	16	0.135 300	9.906 763	6	784	
		11		16			5		
217	9.771 474		9.864 716		0.135 284	9.906 758		783	
218	9.771 484	10	9.864 732	16	0.135 268	9.906 752	6	782	
219	9.771 494	10	9.864 748	16	0.135 252	9.906 747	5	781	
		11		15			6		
.220	9.771 505		9.864 763		0.135 237	9.906 741		**.780**	
		10		16			5		
221	9.771 515		9.864 779		0.135 221	9.906 736		779	
222	9.771 525	10	9.864 795	16	0.135 205	9.906 730	6	778	
223	9.771 536	11	9.864 811	16	0.135 189	9.906 725	5	777	
		10		16			6		
224	9.771 546		9.864 827		0.135 173	9.906 719		776	
225	9.771 556	10	9.864 843	16	0.135 157	9.906 713	6	775	
226	9.771 567	11	9.864 859	16	0.135 141	9.906 708	5	774	
		10		16			6		
227	9.771 577		9.864 875		0.135 125	9.906 702		773	
228	9.771 587	10	9.864 891	16	0.135 109	9.906 697	5	772	
229	9.771 598	11	9.864 907	16	0.135 093	9.906 691	6	771	
		10		15			5		
.230	9.771 608		9.864 922		0.135 078	9.906 686		**.770**	
		10		16			6		
231	9.771 618		9.864 938		0.135 062	9.906 680		769	
232	9.771 629	11	9.864 954	16	0.135 046	9.906 675	5	768	
233	9.771 639	10	9.864 970	16	0.135 030	9.906 669	6	767	
		11		16			6		
234	9.771 650		9.864 986		0.135 014	9.906 663		766	
235	9.771 660	10	9.865 002	16	0.134 998	9.906 658	5	765	
236	9.771 670	10	9.865 018	16	0.134 982	9.906 652	6	764	
		11		16			5		
237	9.771 681		9.865 034		0.134 966	9.906 647		763	
238	9.771 691	10	9.865 050	16	0.134 950	9.906 641	6	762	
239	9.771 701	10	9.865 066	16	0.134 934	9.906 636	5	761	
		11		15			6		
.240	9.771 712		9.865 081		0.134 919	9.906 630		**.760**	
		10		16			5		
241	9.771 722		9.865 097		0.134 903	9.906 625		759	
242	9.771 732	10	9.865 113	16	0.134 887	9.906 619	6	758	
243	9.771 743	11	9.865 129	16	0.134 871	9.906 613	6	757	
		10		16			5		
244	9.771 753		9.865 145		0.134 855	9.906 608		756	
245	9.771 763	10	9.865 161	16	0.134 839	9.906 602	6	755	
246	9.771 774	11	9.865 177	16	0.134 823	9.906 597	5	754	
		10		16			6		
247	9.771 784		9.865 193		0.134 807	9.906 591		753	
248	9.771 794	10	9.865 209	16	0.134 791	9.906 586	5	752	
249	9.771 805	11	9.865 225	16	0.134 775	9.906 580	6	751	
		10		15			5		
.250	9.771 815		9.865 240		0.134 760	9.906 575		**.750**	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

$53^\circ.800$ — $53^\circ.750$

36°.250 — 36°.300

36°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.771 815		9.865 240		0.134 760	9.906 575		**.750**	
		10		16			6		
251	9.771 825		9.865 256		0.134 744	9.906 569		749	
252	9.771 836	11	9.865 272	16	0.134 728	9.906 563	6	748	
253	9.771 846	10	9.865 288	16	0.134 712	9.906 558	5	747	
		10		16			6		
254	9.771 856		9.865 304		0.134 696	9.906 552		746	
255	9.771 867	11	9.865 320	16	0.134 680	9.906 547	5	745	
256	9.771 877	10	9.865 336	16	0.134 664	9.906 541	6	744	
		10		16			5		
257	9.771 887		9.865 352		0.134 648	9.906 536		743	
258	9.771 898	11	9.865 368	16	0.134 632	9.906 530	6	742	
259	9.771 908	10	9.865 383	15	0.134 617	9.906 525	5	741	
		10		16			6		
.260	9.771 918		9.865 399		0.134 601	9.906 519		**.740**	
		11		16			6		
261	9.771 929		9.865 415		0.134 585	9.906 513		739	
262	9.771 939	10	9.865 431	16	0.134 569	9.906 508	5	738	
263	9.771 949	10	9.865 447	16	0.134 553	9.906 502	6	737	
		11		16			5		
264	9.771 960		9.865 463		0.134 537	9.906 497		736	
265	9.771 970	10	9.865 479	16	0.134 521	9.906 491	6	735	
266	9.771 980	10	9.865 495	16	0.134 505	9.906 486	5	734	
		11		16			6		
267	9.771 991		9.865 511		0.134 489	9.906 480		733	
268	9.772 001	10	9.865 527	16	0.134 473	9.906 474	6	732	
269	9.772 011	10	9.865 542	15	0.134 458	9.906 469	5	731	
		11		16			6		
.270	9.772 022		9.865 558		0.134 442	9.906 463		**.730**	
		10		16			5		
271	9.772 032		9.865 574		0.134 426	9.906 458		729	
272	9.772 042	10	9.865 590	16	0.134 410	9.906 452	6	728	
273	9.772 053	11	9.865 606	16	0.134 394	9.906 447	5	727	
		10		16			6		
274	9.772 063		9.865 622		0.134 378	9.906 441		726	
275	9.772 073	10	9.865 638	16	0.134 362	9.906 436	5	725	
276	9.772 084	11	9.865 654	16	0.134 346	9.906 430	6	724	
		10		16			6		
277	9.772 094		9.865 670		0.134 330	9.906 424		723	
278	9.772 104	10	9.865 685	15	0.134 315	9.906 419	5	722	
279	9.772 115	11	9.865 701	16	0.134 299	9.906 413	6	721	
		10		16			5		
.280	9.772 125		9.865 717		0.134 283	9.906 408		**.720**	
		10		16			6		
281	9.772 135		9.865 733		0.134 267	9.906 402		719	
282	9.772 146	11	9.865 749	16	0.134 251	9.906 397	5	718	
283	9.772 156	10	9.865 765	16	0.134 235	9.906 391	6	717	
		10		16			6		
284	9.772 166		9.865 781		0.134 219	9.906 385		716	
285	9.772 177	11	9.865 797	16	0.134 203	9.906 380	5	715	
286	9.772 187	10	9.865 813	16	0.134 187	9.906 374	6	714	
		10		15			5		
287	9.772 197		9.865 828		0.134 172	9.906 369		713	
288	9.772 208	11	9.865 844	16	0.134 156	9.906 363	6	712	
289	9.772 218	10	9.865 860	16	0.134 140	9.906 358	5	711	
		10		16			6		
.290	9.772 228		9.865 876		0.134 124	9.906 352		**.710**	
		10		16			5		
291	9.772 238		9.865 892		0.134 108	9.906 347		709	
292	9.772 249	11	9.865 908	16	0.134 092	9.906 341	6	708	
293	9.772 259	10	9.865 924	16	0.134 076	9.906 335	6	707	
		10		16			5		
294	9.772 269		9.865 940		0.134 060	9.906 330		706	
295	9.772 280	11	9.865 956	16	0.134 044	9.906 324	6	705	
296	9.772 290	10	9.865 971	15	0.134 029	9.906 319	5	704	
		10		16			6		
297	9.772 300		9.865 987		0.134 013	9.906 313		703	
298	9.772 311	11	9.866 003	16	0.133 997	9.906 308	5	702	
299	9.772 321	10	9.866 019	16	0.133 981	9.906 302	6	701	
		10		16			6		
.300	9.772 331		9.866 035		0.133 965	9.906 296		**.700**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.750 — 53°.700

36°.300 — 36°.350

36°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.772 331	11	9.866 035	16	0.133 965	9.906 296	5	**.700**	
301	9.772 342	10	9.866 051	16	0.133 949	9.906 291	6	699	
302	9.772 352	10	9.866 067	16	0.133 933	9.906 285	5	698	
303	9.772 362	11	9.866 083	16	0.133 917	9.906 280	6	697	
304	9.772 373	10	9.866 099	15	0.133 901	9.906 274	5	696	
305	9.772 383	10	9.866 114	16	0.133 886	9.906 269	6	695	
306	9.772 393	11	9.866 130	16	0.133 870	9.906 263	6	694	
307	9.772 404	10	9.866 146	16	0.133 854	9.906 257	5	693	
308	9.772 414	10	9.866 162	16	0.133 838	9.906 252	6	692	
309	9.772 424	11	9.866 178	16	0.133 822	9.906 246	5	691	
.310	9.772 435	10	9.866 194	16	0.133 806	9.906 241	6	**.690**	
311	9.772 445	10	9.866 210	16	0.133 790	9.906 235	5	689	
312	9.772 455	10	9.866 226	15	0.133 774	9.906 230	6	688	
313	9.772 465	11	9.866 241	16	0.133 759	9.906 224	6	687	
314	9.772 476	10	9.866 257	16	0.133 743	9.906 218	5	686	
315	9.772 486	10	9.866 273	16	0.133 727	9.906 213	6	685	
316	9.772 496	11	9.866 289	16	0.133 711	9.906 207	5	684	
317	9.772 507	10	9.866 305	16	0.133 695	9.906 202	6	683	
318	9.772 517	10	9.866 321	16	0.133 679	9.906 196	5	682	
319	9.772 527	11	9.866 337	16	0.133 663	9.906 191	6	681	
.320	9.772 538	10	9.866 353	16	0.133 647	9.906 185	6	**.680**	
321	9.772 548	10	9.866 369	15	0.133 631	9.906 179	5	679	
322	9.772 558	11	9.866 384	16	0.133 616	9.906 174	6	678	
323	9.772 569	10	9.866 400	16	0.133 600	9.906 168	5	677	
324	9.772 579	10	9.866 416	16	0.133 584	9.906 163	6	676	
325	9.772 589	11	9.866 432	16	0.133 568	9.906 157	5	675	
326	9.772 600	10	9.866 448	16	0.133 552	9.906 152	6	674	
327	9.772 610	10	9.866 464	16	0.133 536	9.906 146	6	673	
328	9.772 620	10	9.866 480	16	0.133 520	9.906 140	5	672	
329	9.772 630	11	9.866 496	16	0.133 504	9.906 135	6	671	
.330	9.772 641	10	9.866 512	15	0.133 488	9.906 129	5	**.670**	
331	9.772 651	10	9.866 527	16	0.133 473	9.906 124	6	669	
332	9.772 661	11	9.866 543	16	0.133 457	9.906 118	5	668	
333	9.772 672	10	9.866 559	16	0.133 441	9.906 113	6	667	
334	9.772 682	10	9.866 575	16	0.133 425	9.906 107	6	666	
335	9.772 692	11	9.866 591	16	0.133 409	9.906 101	5	665	
336	9.772 703	10	9.866 607	16	0.133 393	9.906 096	6	664	
337	9.772 713	10	9.866 623	16	0.133 377	9.906 090	5	663	
338	9.772 723	11	9.866 639	15	0.133 361	9.906 085	6	662	
339	9.772 734	10	9.866 654	16	0.133 346	9.906 079	5	661	
.340	9.772 744	10	9.866 670	16	0.133 330	9.906 074	6	**.660**	
341	9.772 754	10	9.866 686	16	0.133 314	9.906 068	6	659	
342	9.772 764	11	9.866 702	16	0.133 298	9.906 062	5	658	
343	9.772 775	10	9.866 718	16	0.133 282	9.906 057	6	657	
344	9.772 785	10	9.866 734	16	0.133 266	9.906 051	5	656	
345	9.772 795	11	9.866 750	16	0.133 250	9.906 046	6	655	
346	9.772 806	10	9.866 766	15	0.133 234	9.906 040	6	654	
347	9.772 816	10	9.866 781	16	0.133 219	9.906 034	5	653	
348	9.772 826	11	9.866 797	16	0.133 203	9.906 029	6	652	
349	9.772 837	10	9.866 813	16	0.133 187	9.906 023	5	651	
.350	9.772 847		9.866 829		0.133 171	9.906 018		**.650**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.700 — 53°.650

36°.350 — 36°.400

36°	sin	d	tang	d	cotg	cos	d		P.P.	
.350	9.772 847		9.866 829		0.133 171	9.906 018		**.650**		
		10		16			6			
351	9.772 857		9.866 845		0.133 155	9.906 012		649		
		10		16			5			
352	9.772 867		9.866 861		0.133 139	9.906 007		648		
		11		16			6			
353	9.772 878		9.866 877		0.133 123	9.906 001		647		
		10		16			6			
354	9.772 888		9.866 893		0.133 107	9.905 995		646		
		10		15			5			
355	9.772 898		9.866 908		0.133 092	9.905 990		645		
		11		16			6			
356	9.772 909		9.866 924		0.133 076	9.905 984		644		
		10		16			5			
357	9.772 919		9.866 940		0.133 060	9.905 979		643		
		10		16			6			
358	9.772 929		9.866 956		0.133 044	9.905 973		642		
		11		16			5			
359	9.772 940		9.866 972		0.133 028	9.905 968		641		
		10		16			6			
.360	9.772 950		9.866 988		0.133 012	9.905 962		**.640**		
		10		16			6			
361	9.772 960		9.867 004		0.132 996	9.905 956		639		
		10		16			5			
362	9.772 970		9.867 020		0.132 980	9.905 951		638		
		11		15			6			
363	9.772 981		9.867 035		0.132 965	9.905 945		637		
		10		16			5			
364	9.772 991		9.867 051		0.132 949	9.905 940		636		
		10		16			6			
365	9.773 001		9.867 067		0.132 933	9.905 934		635		
		11		16			6			
366	9.773 012		9.867 083		0.132 917	9.905 928		634		
		10		16			5			
367	9.773 022		9.867 099		0.132 901	9.905 923		633		
		10		16			6			
368	9.773 032		9.867 115		0.132 885	9.905 917		632		
		10		16			5			
369	9.773 042		9.867 131		0.132 869	9.905 912		631		
		11		16			6			
.370	9.773 053		9.867 147		0.132 853	9.905 906		**.630**		
		10		15			5			
371	9.773 063		9.867 162		0.132 838	9.905 901		629		
		10		16			6			
372	9.773 073		9.867 178		0.132 822	9.905 895		628		
		11		16			6			
373	9.773 084		9.867 194		0.132 806	9.905 889		627		
		10		16			5			
374	9.773 094		9.867 210		0.132 790	9.905 884		626		
		10		16			6			
375	9.773 104		9.867 226		0.132 774	9.905 878		625		
		11		16			5			
376	9.773 115		9.867 242		0.132 758	9.905 873		624		
		10		16			6			
377	9.773 125		9.867 258		0.132 742	9.905 867		623		
		10		16			6			
378	9.773 135		9.867 274		0.132 726	9.905 861		622		
		10		15			5			
379	9.773 145		9.867 289		0.132 711	9.905 856		621		
		11		16			6			
.380	9.773 156		9.867 305		0.132 695	9.905 850		**.620**		
		10		16			5			
381	9.773 166		9.867 321		0.132 679	9.905 845		619		
		10		16			6			
382	9.773 176		9.867 337		0.132 663	9.905 839		618		
		11		16			5			
383	9.773 187		9.867 353		0.132 647	9.905 834		617		
		10		16			6			
384	9.773 197		9.867 369		0.132 631	9.905 828		616		
		10		16			6			
385	9.773 207		9.867 385		0.132 615	9.905 822		615		
		10		16			5			
386	9.773 217		9.867 401		0.132 599	9.905 817		614		
		11		15			6			
387	9.773 228		9.867 416		0.132 584	9.905 811		613		
		10		16			5			
388	9.773 238		9.867 432		0.132 568	9.905 806		612		
		10		16			6			
389	9.773 248		9.867 448		0.132 552	9.905 800		611		
		11		16			6			
.390	9.773 259		9.867 464		0.132 536	9.905 794		**.610**		
		10		16			5			
391	9.773 269		9.867 480		0.132 520	9.905 789		609		
		10		16			6			
392	9.773 279		9.867 496		0.132 504	9.905 783		608		
		10		16			5			
393	9.773 289		9.867 512		0.132 488	9.905 778		607		
		11		16			6			
394	9.773 300		9.867 528		0.132 472	9.905 772		606		
		10		15			5			
395	9.773 310		9.867 543		0.132 457	9.905 767		605		
		10		16			6			
396	9.773 320		9.867 559		0.132 441	9.905 761		604		
		11		16			6			
397	9.773 331		9.867 575		0.132 425	9.905 755		603		
		10		16			5			
398	9.773 341		9.867 591		0.132 409	9.905 750		602		
		10		16			6			
399	9.773 351		9.867 607		0.132 393	9.905 744		601		
		10		16			5			
.400	9.773 361		9.867 623		0.132 377	9.905 739		**.600**		
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.	

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.650 — 53°.600

36°.400 — 36°.450

36°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.773 361	11	9.867 623	16	0.132 377	9.905 739	6	.600	
401	9.773 372	10	9.867 639	16	0.132 361	9.905 733	6	599	
402	9.773 382	10	9.867 655	15	0.132 345	9.905 727	5	598	
403	9.773 392	10	9.867 670	16	0.132 330	9.905 722	6	597	
404	9.773 402	11	9.867 686	16	0.132 314	9.905 716	5	596	
405	9.773 413	10	9.867 702	16	0.132 298	9.905 711	6	595	
406	9.773 423	10	9.867 718	16	0.132 282	9.905 705	6	594	
407	9.773 433	11	9.867 734	16	0.132 266	9.905 699	5	593	
408	9.773 444	10	9.867 750	16	0.132 250	9.905 694	6	592	
409	9.773 454	10	9.867 766	15	0.132 234	9.905 688	5	591	
.410	9.773 464	10	9.867 781	16	0.132 219	9.905 683	6	.590	
411	9.773 474	11	9.867 797	16	0.132 203	9.905 677	5	589	
412	9.773 485	10	9.867 813	16	0.132 187	9.905 672	6	588	
413	9.773 495	10	9.867 829	16	0.132 171	9.905 666	6	587	
414	9.773 505	11	9.867 845	16	0.132 155	9.905 660	5	586	
415	9.773 516	10	9.867 861	16	0.132 139	9.905 655	6	585	
416	9.773 526	10	9.867 877	16	0.132 123	9.905 649	6	584	
417	9.773 536	10	9.867 893	15	0.132 107	9.905 644	5	583	
418	9.773 546	11	9.867 908	16	0.132 092	9.905 638	6	582	
419	9.773 557	10	9.867 924	16	0.132 076	9.905 632	6	581	
.420	9.773 567	10	9.867 940	16	0.132 060	9.905 627	5	.580	
421	9.773 577	10	9.867 956	16	0.132 044	9.905 621	6	579	
422	9.773 587	10	9.867 972	16	0.132 028	9.905 616	5	578	
423	9.773 598	11	9.867 988	16	0.132 012	9.905 610	6	577	
424	9.773 608	10	9.868 004	15	0.131 996	9.905 604	6	576	
425	9.773 618	10	9.868 019	16	0.131 981	9.905 599	5	575	
426	9.773 629	11	9.868 035	16	0.131 965	9.905 593	6	574	
427	9.773 639	10	9.868 051	16	0.131 949	9.905 588	5	573	
428	9.773 649	10	9.868 067	16	0.131 933	9.905 582	6	572	
429	9.773 659	10	9.868 083	16	0.131 917	9.905 576	6	571	
.430	9.773 670	11	9.868 099	16	0.131 901	9.905 571	5	.570	
431	9.773 680	10	9.868 115	16	0.131 885	9.905 565	6	569	
432	9.773 690	10	9.868 131	16	0.131 869	9.905 560	5	568	
433	9.773 700	10	9.868 146	15	0.131 854	9.905 554	6	567	
434	9.773 711	11	9.868 162	16	0.131 838	9.905 548	6	566	
435	9.773 721	10	9.868 178	16	0.131 822	9.905 543	5	565	
436	9.773 731	10	9.868 194	16	0.131 806	9.905 537	6	564	
437	9.773 742	11	9.868 210	16	0.131 790	9.905 532	5	563	
438	9.773 752	10	9.868 226	16	0.131 774	9.905 526	6	562	
439	9.773 762	10	9.868 242	16	0.131 758	9.905 520	6	561	
.440	9.773 772	10	9.868 257	15	0.131 743	9.905 515	5	.560	
441	9.773 783	11	9.868 273	16	0.131 727	9.905 509	6	559	
442	9.773 793	10	9.868 289	16	0.131 711	9.905 504	5	558	
443	9.773 803	10	9.868 305	16	0.131 695	9.905 498	6	557	
444	9.773 813	10	9.868 321	16	0.131 679	9.905 492	6	556	
445	9.773 824	11	9.868 337	16	0.131 663	9.905 487	5	555	
446	9.773 834	10	9.868 353	16	0.131 647	9.905 481	6	554	
447	9.773 844	10	9.868 368	15	0.131 632	9.905 476	5	553	
448	9.773 854	10	9.868 384	16	0.131 616	9.905 470	6	552	
449	9.773 865	11	9.868 400	16	0.131 600	9.905 465	5	551	
.450	9.773 875	10	9.868 416	16	0.131 584	9.905 459	6	.550	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.600 — 53°.550

$36^\circ.450 - 36^\circ.500$

36°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.773 875		9.868 416		0.131 584	9.905 459		**.550**	
		10		16			6		
451	9.773 885		9.868 432		0.131 568	9.905 453		549	
452	9.773 895	10	9.868 448	16	0.131 552	9.905 448	5	548	
453	9.773 906	11	9.868 464	16	0.131 536	9.905 442	6	547	
		10		15			5		
454	9.773 916		9.868 479	16	0.131 521	9.905 437	6	546	
455	9.773 926	10	9.868 495	16	0.131 505	9.905 431	6	545	
456	9.773 937	11	9.868 511	16	0.131 489	9.905 425	5	544	
		10		16			6		
457	9.773 947		9.868 527	16	0.131 473	9.905 420	6	543	
458	9.773 957	10	9.868 543	16	0.131 457	9.905 414	5	542	
459	9.773 967	10	9.868 559	16	0.131 441	9.905 409	6	541	
		11		16			6		
.460	9.773 978		9.868 575		0.131 425	9.905 403		**.540**	
		10		16			6		
461	9.773 988		9.868 591		0.131 409	9.905 397		539	
462	9.773 998	10	9.868 606	15	0.131 394	9.905 392	5	538	
463	9.774 008	10	9.868 622	16	0.131 378	9.905 386	6	537	
		11		16			5		
464	9.774 019		9.868 638	16	0.131 362	9.905 381	6	536	
465	9.774 029	10	9.868 654	16	0.131 346	9.905 375	6	535	
466	9.774 039	10	9.868 670	16	0.131 330	9.905 369		534	
		10		16			5		
467	9.774 049		9.868 686	16	0.131 314	9.905 364	6	533	
468	9.774 060	11	9.868 702	15	0.131 298	9.905 358	6	532	
469	9.774 070	10	9.868 717	16	0.131 283	9.905 352		531	
		10		16			5		
.470	9.774 080		9.868 733		0.131 267	9.905 347	6	**.530**	
		10		16					
471	9.774 090		9.868 749		0.131 251	9.905 341		529	
472	9.774 101	11	9.868 765	16	0.131 235	9.905 336	5	528	
473	9.774 111	10	9.868 781	16	0.131 219	9.905 330	6	527	
		10		16			6		
474	9.774 121		9.868 797	16	0.131 203	9.905 324		526	
475	9.774 131	10	9.868 813	16	0.131 187	9.905 319	5	525	
476	9.774 142	11	9.868 828	15	0.131 172	9.905 313	6	524	
		10		16			5		
477	9.774 152		9.868 844	16	0.131 156	9.905 308	6	523	
478	9.774 162	10	9.868 860	16	0.131 140	9.905 302	6	522	
479	9.774 172	10	9.868 876	16	0.131 124	9.905 296		521	
		11		16			5		
.480	9.774 183		9.868 892		0.131 108	9.905 291	6	**.520**	
		10		16					
481	9.774 193		9.868 908		0.131 092	9.905 285		519	
482	9.774 203	10	9.868 924	16	0.131 076	9.905 280	5	518	
483	9.774 213	10	9.868 939	15	0.131 061	9.905 274	6	517	
		11		16			6		
484	9.774 224		9.868 955	16	0.131 045	9.905 268		516	
485	9.774 234	10	9.868 971	16	0.131 029	9.905 263	5	515	
486	9.774 244	10	9.868 987	16	0.131 013	9.905 257	6	514	
		10		16			5		
487	9.774 254		9.869 003	16	0.130 997	9.905 252	6	513	
488	9.774 265	11	9.869 019	16	0.130 981	9.905 246	6	512	
489	9.774 275	10	9.869 034	15	0.130 966	9.905 240		511	
		10		16			5		
.490	9.774 285		9.869 050		0.130 950	9.905 235	6	**.510**	
		10		16					
491	9.774 295		9.869 066		0.130 934	9.905 229		509	
492	9.774 306	11	9.869 082	16	0.130 918	9.905 224	5	508	
493	9.774 316	10	9.869 098	16	0.130 902	9.905 218	6	507	
		10		16			6		
494	9.774 326		9.869 114	16	0.130 886	9.905 212		506	
495	9.774 336	10	9.869 130	15	0.130 870	9.905 207	5	505	
496	9.774 347	11	9.869 145	16	0.130 855	9.905 201	6	504	
		10		16			5		
497	9.774 357		9.869 161	16	0.130 839	9.905 196	6	503	
498	9.774 367	10	9.869 177	16	0.130 823	9.905 190	6	502	
499	9.774 377	10	9.869 193	16	0.130 807	9.905 184		501	
		11		16			5		
.500	9.774 388		9.869 209		0.130 791	9.905 179		**.500**	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

$53^\circ.550 - 53^\circ.500$

$36^\circ.500 - 36^\circ.550$

36°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.774 388	10	9.869 209	16	0.130 791	9.905 179	6	**.500**	
501	9.774 398	10	9.869 225	16	0.130 775	9.905 173	5	499	
502	9.774 408	10	9.869 241	15	0.130 759	9.905 168	6	498	
503	9.774 418	11	9.869 256	16	0.130 744	9.905 162	6	497	
504	9.774 429	10	9.869 272	16	0.130 728	9.905 156	5	496	
505	9.774 439	10	9.869 288	16	0.130 712	9.905 151	6	495	
506	9.774 449	10	9.869 304	16	0.130 696	9.905 145	6	494	
507	9.774 459	11	9.869 320	16	0.130 680	9.905 139	5	493	
508	9.774 470	10	9.869 336	16	0.130 664	9.905 134	6	492	
509	9.774 480	10	9.869 352	16	0.130 648	9.905 128	5	491	
.510	9.774 490	10	9.869 367	15	0.130 633	9.905 123	6	**.490**	
511	9.774 500	10	9.869 383	16	0.130 617	9.905 117	6	489	
512	9.774 510	11	9.869 399	16	0.130 601	9.905 111	5	488	
513	9.774 521	10	9.869 415	16	0.130 585	9.905 106	6	487	
514	9.774 531	10	9.869 431	16	0.130 569	9.905 100	5	486	
515	9.774 541	10	9.869 447	15	0.130 553	9.905 095	6	485	
516	9.774 551	11	9.869 462	16	0.130 538	9.905 089	6	484	
517	9.774 562	10	9.869 478	16	0.130 522	9.905 083	5	483	
518	9.774 572	10	9.869 494	16	0.130 506	9.905 078	6	482	
519	9.774 582	10	9.869 510	16	0.130 490	9.905 072	5	481	
.520	9.774 592	11	9.869 526	16	0.130 474	9.905 067	6	**.480**	
521	9.774 603	10	9.869 542	16	0.130 458	9.905 061	6	479	
522	9.774 613	10	9.869 558	15	0.130 442	9.905 055	5	478	
523	9.774 623	10	9.869 573	16	0.130 427	9.905 050	6	477	
524	9.774 633	11	9.869 589	16	0.130 411	9.905 044	6	476	
525	9.774 644	10	9.869 605	16	0.130 395	9.905 038	5	475	
526	9.774 654	10	9.869 621	16	0.130 379	9.905 033	6	474	
527	9.774 664	10	9.869 637	16	0.130 363	9.905 027	5	473	
528	9.774 674	11	9.869 653	16	0.130 347	9.905 022	6	472	
529	9.774 685	10	9.869 669	16	0.130 331	9.905 016	6	471	
.530	9.774 695	10	9.869 684	15	0.130 316	9.905 010	5	**.470**	
531	9.774 705	10	9.869 700	16	0.130 300	9.905 005	6	469	
532	9.774 715	10	9.869 716	16	0.130 284	9.904 999	5	468	
533	9.774 725	11	9.869 732	16	0.130 268	9.904 994	6	467	
534	9.774 736	10	9.869 748	16	0.130 252	9.904 988	6	466	
535	9.774 746	10	9.869 764	15	0.130 236	9.904 982	5	465	
536	9.774 756	10	9.869 779	16	0.130 221	9.904 977	6	464	
537	9.774 766	11	9.869 795	16	0.130 205	9.904 971	6	463	
538	9.774 777	10	9.869 811	16	0.130 189	9.904 965	5	462	
539	9.774 787	10	9.869 827	16	0.130 173	9.904 960	6	461	
.540	9.774 797	10	9.869 843	16	0.130 157	9.904 954	5	**.460**	
541	9.774 807	10	9.869 859	16	0.130 141	9.904 949	6	459	
542	9.774 817	11	9.869 875	15	0.130 125	9.904 943	6	458	
543	9.774 828	10	9.869 890	16	0.130 110	9.904 937	5	457	
544	9.774 838	10	9.869 906	16	0.130 094	9.904 932	6	456	
545	9.774 848	10	9.869 922	16	0.130 078	9.904 926	5	455	
546	9.774 858	11	9.869 938	16	0.130 062	9.904 921	6	454	
547	9.774 869	10	9.869 954	16	0.130 046	9.904 915	6	453	
548	9.774 879	10	9.869 970	15	0.130 030	9.904 909	5	452	
549	9.774 889	10	9.869 985	16	0.130 015	9.904 904	6	451	
.550	9.774 899		9.870 001		0.129 999	9.904 898		**.450**	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

$53^\circ.500 - 53^\circ.450$

36°.550 — 36°.600

36°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.774 899	11	9.870 001	16	0.129 999	9.904 898	6	**.450**	
551	9.774 910	10	9.870 017	16	0.129 983	9.904 892	5	449	
552	9.774 920	10	9.870 033	16	0.129 967	9.904 887	6	448	
553	9.774 930	10	9.870 049	16	0.129 951	9.904 881	5	447	
554	9.774 940	10	9.870 065	16	0.129 935	9.904 876	6	446	
555	9.774 950	11	9.870 081	15	0.129 919	9.904 870	6	445	
556	9.774 961	10	9.870 096	16	0.129 904	9.904 864	5	444	
557	9.774 971	10	9.870 112	16	0.129 888	9.904 859	6	443	
558	9.774 981	10	9.870 128	16	0.129 872	9.904 853	6	442	
559	9.774 991	11	9.870 144	16	0.129 856	9.904 847	5	441	
.560	9.775 002	10	9.870 160	16	0.129 840	9.904 842	6	**.440**	
561	9.775 012	10	9.870 176	15	0.129 824	9.904 836	5	439	
562	9.775 022	10	9.870 191	16	0.129 809	9.904 831	6	438	
563	9.775 032	10	9.870 207	16	0.129 793	9.904 825	6	437	
564	9.775 042	11	9.870 223	16	0.129 777	9.904 819	5	436	
565	9.775 053	10	9.870 239	16	0.129 761	9.904 814	6	435	
566	9.775 063	10	9.870 255	16	0.129 745	9.904 808	6	434	
567	9.775 073	10	9.870 271	15	0.129 729	9.904 802	5	433	
568	9.775 083	11	9.870 286	16	0.129 714	9.904 797	6	432	
569	9.775 094	10	9.870 302	16	0.129 698	9.904 791	6	431	
.570	9.775 104	10	9.870 318	16	0.129 682	9.904 786	5	**.430**	
571	9.775 114	10	9.870 334	16	0.129 666	9.904 780	6	429	
572	9.775 124	10	9.870 350	16	0.129 650	9.904 774	6	428	
573	9.775 134	11	9.870 366	15	0.129 634	9.904 769	5	427	
574	9.775 145	10	9.870 381	16	0.129 619	9.904 763	6	426	
575	9.775 155	10	9.870 397	16	0.129 603	9.904 757	6	425	
576	9.775 165	10	9.870 413	16	0.129 587	9.904 752	5	424	
577	9.775 175	10	9.870 429	16	0.129 571	9.904 746	6	423	
578	9.775 185	10	9.870 445	16	0.129 555	9.904 741	5	422	
579	9.775 196	11	9.870 461	16	0.129 539	9.904 735	6	421	
.580	9.775 206	10	9.870 477	16	0.129 523	9.904 729	6	**.420**	
581	9.775 216	10	9.870 492	15	0.129 508	9.904 724	5	419	
582	9.775 226	10	9.870 508	16	0.129 492	9.904 718	6	418	
583	9.775 237	11	9.870 524	16	0.129 476	9.904 712	6	417	
584	9.775 247	10	9.870 540	16	0.129 460	9.904 707	5	416	
585	9.775 257	10	9.870 556	16	0.129 444	9.904 701	6	415	
586	9.775 267	10	9.870 572	16	0.129 428	9.904 696	5	414	
587	9.775 277	10	9.870 587	15	0.129 413	9.904 690	6	413	
588	9.775 288	11	9.870 603	16	0.129 397	9.904 684	6	412	
589	9.775 298	10	9.870 619	16	0.129 381	9.904 679	5	411	
.590	9.775 308	10	9.870 635	16	0.129 365	9.904 673	6	**.410**	
591	9.775 318	10	9.870 651	16	0.129 349	9.904 667	6	409	
592	9.775 328	10	9.870 667	16	0.129 333	9.904 662	5	408	
593	9.775 339	11	9.870 682	15	0.129 318	9.904 656	6	407	
594	9.775 349	10	9.870 698	16	0.129 302	9.904 651	5	406	
595	9.775 359	10	9.870 714	16	0.129 286	9.904 645	6	405	
596	9.775 369	10	9.870 730	16	0.129 270	9.904 639	6	404	
597	9.775 379	10	9.870 746	16	0.129 254	9.904 634	5	403	
598	9.775 390	11	9.870 762	16	0.129 238	9.904 628	6	402	
599	9.775 400	10	9.870 777	15	0.129 223	9.904 622	6	401	
.600	9.775 410	10	9.870 793	16	0.129 207	9.904 617	5	**.400**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.450 — 53°.400

36°.600 — 36°.650

36°	sin	d	tang	d	cotg	cos	d		P.P.		
.600	9.775 410		9.870 793		0.129 207	9.904 617		**.400**			
		10		16			6				
601	9.775 420		9.870 809		0.129 191	9.904 611		399			
602	9.775 431	11	9.870 825	16	0.129 175	9.904 606	5	398			
603	9.775 441	10	9.870 841	16	0.129 159	9.904 600	6	397			
		10		16			6				
604	9.775 451		9.870 857		0.129 143	9.904 594		396			
605	9.775 461	10	9.870 872	15	0.129 128	9.904 589	5	395			
606	9.775 471	10	9.870 888	16	0.129 112	9.904 583	6	394			
		11		16			6				
607	9.775 482		9.870 904		0.129 096	9.904 577		393			
608	9.775 492	10	9.870 920	16	0.129 080	9.904 572	5	392			
609	9.775 502	10	9.870 936	16	0.129 064	9.904 566	6	391			
		10		16			5				
.610	9.775 512		9.870 952		0.129 048	9.904 561		**.390**			
		10		15			6				
611	9.775 522		9.870 967		0.129 033	9.904 555		389			
612	9.775 533	11	9.870 983	16	0.129 017	9.904 549	6	388			
613	9.775 543	10	9.870 999	16	0.129 001	9.904 544	5	387			
		10		16			6				
614	9.775 553		9.871 015		0.128 985	9.904 538		386			
615	9.775 563	10	9.871 031	16	0.128 969	9.904 532	6	385			
616	9.775 573	10	9.871 047	16	0.128 953	9.904 527	5	384			
		11		15			6				
617	9.775 584		9.871 062		0.128 938	9.904 521		383			
618	9.775 594	10	9.871 078	16	0.128 922	9.904 515	6	382			
619	9.775 604	10	9.871 094	16	0.128 906	9.904 510	5	381			
		10		16			6				
.620	9.775 614		9.871 110		0.128 890	9.904 504		**.380**			
		10		16			5				
621	9.775 624		9.871 126		0.128 874	9.904 499		379			
622	9.775 635	11	9.871 142	16	0.128 858	9.904 493	6	378			
623	9.775 645	10	9.871 157	15	0.128 843	9.904 487	6	377			
		10		16			5				
624	9.775 655		9.871 173		0.128 827	9.904 482		376			
625	9.775 665	10	9.871 189	16	0.128 811	9.904 476	6	375			
626	9.775 675	10	9.871 205	16	0.128 795	9.904 470	6	374			
		11		16			5				
627	9.775 686		9.871 221		0.128 779	9.904 465		373			
628	9.775 696	10	9.871 237	16	0.128 763	9.904 459	6	372			
629	9.775 706	10	9.871 252	15	0.128 748	9.904 453	6	371			
		10		16			5				
.630	9.775 716		9.871 268		0.128 732	9.904 448		**.370**			
		10		16			6				
631	9.775 726		9.871 284		0.128 716	9.904 442		369			
632	9.775 737	11	9.871 300	16	0.128 700	9.904 437	5	368			
633	9.775 747	10	9.871 316	16	0.128 684	9.904 431	6	367			
		10		16			6				
634	9.775 757		9.871 332		0.128 668	9.904 425		366			
635	9.775 767	10	9.871 347	15	0.128 653	9.904 420	5	365			
636	9.775 777	10	9.871 363	16	0.128 637	9.904 414	6	364			
		10		16			6				
637	9.775 787		9.871 379		0.128 621	9.904 408		363			
638	9.775 798	11	9.871 395	16	0.128 605	9.904 403	5	362			
639	9.775 808	10	9.871 411	16	0.128 589	9.904 397	6	361			
		10		16			6				
.640	9.775 818		9.871 427		0.128 573	9.904 391		**.360**			
		10		15			5				
641	9.775 828		9.871 442		0.128 558	9.904 386		359			
642	9.775 838	10	9.871 458	16	0.128 542	9.904 380	6	358			
643	9.775 849	11	9.871 474	16	0.128 526	9.904 375	5	357			
		10		16			6				
644	9.775 859		9.871 490		0.128 510	9.904 369		356			
645	9.775 869	10	9.871 506	16	0.128 494	9.904 363	6	355			
646	9.775 879	10	9.871 522	16	0.128 478	9.904 358	5	354			
		10		15			6				
647	9.775 889		9.871 537		0.128 463	9.904 352		353			
648	9.775 900	11	9.871 553	16	0.128 447	9.904 346	6	352			
649	9.775 910	10	9.871 569	16	0.128 431	9.904 341	5	351			
		10		16			6				
.650	9.775 920		9.871 585		0.128 415	9.904 335		**.350**			
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.		

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.400 — 53°.350

36°.650 — 36°.700

36°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.775 920	10	9.871 585	16	0.128 415	9.904 335	6	**.350**	
651	9.775 930	10	9.871 601	16	0.128 399	9.904 329	5	349	
652	9.775 940	11	9.871 617	15	0.128 383	9.904 324	6	348	
653	9.775 951	10	9.871 632	16	0.128 368	9.904 318	5	347	
654	9.775 961	10	9.871 648	16	0.128 352	9.904 313	6	346	
655	9.775 971	10	9.871 664	16	0.128 336	9.904 307	6	345	
656	9.775 981	10	9.871 680	16	0.128 320	9.904 301	5	344	
657	9.775 991	10	9.871 696	15	0.128 304	9.904 296	6	343	
658	9.776 001	11	9.871 711	16	0.128 289	9.904 290	6	342	
659	9.776 012	10	9.871 727	16	0.128 273	9.904 284	5	341	
.660	9.776 022	10	9.871 743	16	0.128 257	9.904 279	6	**.340**	
661	9.776 032	10	9.871 759	16	0.128 241	9.904 273	6	339	
662	9.776 042	10	9.871 775	16	0.128 225	9.904 267	5	338	
663	9.776 052	11	9.871 791	15	0.128 209	9.904 262	6	337	
664	9.776 063	10	9.871 806	16	0.128 194	9.904 256	6	336	
665	9.776 073	10	9.871 822	16	0.128 178	9.904 250	5	335	
666	9.776 083	10	9.871 838	16	0.128 162	9.904 245	6	334	
667	9.776 093	10	9.871 854	16	0.128 146	9.904 239	5	333	
668	9.776 103	10	9.871 870	16	0.128 130	9.904 234	6	332	
669	9.776 113	11	9.871 886	15	0.128 114	9.904 228	6	331	
.670	9.776 124	10	9.871 901	16	0.128 099	9.904 222	5	**.330**	
671	9.776 134	10	9.871 917	16	0.128 083	9.904 217	6	329	
672	9.776 144	10	9.871 933	16	0.128 067	9.904 211	6	328	
673	9.776 154	10	9.871 949	16	0.128 051	9.904 205	5	327	
674	9.776 164	11	9.871 965	15	0.128 035	9.904 200	6	326	
675	9.776 175	10	9.871 980	16	0.128 020	9.904 194	6	325	
676	9.776 185	10	9.871 996	16	0.128 004	9.904 188	5	324	
677	9.776 195	10	9.872 012	16	0.127 988	9.904 183	6	323	
678	9.776 205	10	9.872 028	16	0.127 972	9.904 177	6	322	
679	9.776 215	10	9.872 044	16	0.127 956	9.904 171	5	321	
.680	9.776 225	11	9.872 060	15	0.127 940	9.904 166	6	**.320**	
681	9.776 236	10	9.872 075	16	0.127 925	9.904 160	5	319	
682	9.776 246	10	9.872 091	16	0.127 909	9.904 155	6	318	
683	9.776 256	10	9.872 107	16	0.127 893	9.904 149	6	317	
684	9.776 266	10	9.872 123	16	0.127 877	9.904 143	5	316	
685	9.776 276	10	9.872 139	16	0.127 861	9.904 138	6	315	
686	9.776 286	11	9.872 155	15	0.127 845	9.904 132	6	314	
687	9.776 297	10	9.872 170	16	0.127 830	9.904 126	5	313	
688	9.776 307	10	9.872 186	16	0.127 814	9.904 121	6	312	
689	9.776 317	10	9.872 202	16	0.127 798	9.904 115	6	311	
.690	9.776 327	10	9.872 218	16	0.127 782	9.904 109	5	**.310**	
691	9.776 337	10	9.872 234	15	0.127 766	9.904 104	6	309	
692	9.776 347	11	9.872 249	16	0.127 751	9.904 098	6	308	
693	9.776 358	10	9.872 265	16	0.127 735	9.904 092	5	307	
694	9.776 368	10	9.872 281	16	0.127 719	9.904 087	6	306	
695	9.776 378	10	9.872 297	16	0.127 703	9.904 081	6	305	
696	9.776 388	10	9.872 313	16	0.127 687	9.904 075	5	304	
697	9.776 398	11	9.872 329	15	0.127 671	9.904 070	6	303	
698	9.776 409	10	9.872 344	16	0.127 656	9.904 064	5	302	
699	9.776 419	10	9.872 360	16	0.127 640	9.904 059	6	301	
.700	9.776 429		9.872 376		0.127 624	9.904 053		**.300**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
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2	2.2	2.0
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6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.350 — 53°.300

36°.700 — 36°.750

36°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.776 429		9.872 376		0.127 624	9.904 053		**.300**	
		10		16			6		
701	9.776 439		9.872 392		0.127 608	9.904 047		299	
		10		16			5		
702	9.776 449		9.872 408		0.127 592	9.904 042		298	
		10		15			6		
703	9.776 459		9.872 423		0.127 577	9.904 036		297	
		11		16			6		
704	9.776 470		9.872 439		0.127 561	9.904 030		296	
		10		16			5		
705	9.776 480		9.872 455		0.127 545	9.904 025		295	
		10		16			6		
706	9.776 490		9.872 471		0.127 529	9.904 019		294	
		10		16			6		
707	9.776 500		9.872 487		0.127 513	9.904 013		293	
		10		16			5		
708	9.776 510		9.872 503		0.127 497	9.904 008		292	
		10		15			6		
709	9.776 520		9.872 518		0.127 482	9.904 002		291	
		11		16			6		
.710	9.776 531		9.872 534		0.127 466	9.903 996		**.290**	
		10		16			5		
711	9.776 541		9.872 550		0.127 450	9.903 991		289	
		10		16			6		
712	9.776 551		9.872 566		0.127 434	9.903 985		288	
		10		16			6		
713	9.776 561		9.872 582		0.127 418	9.903 979		287	
		10		15			5		
714	9.776 571		9.872 597		0.127 403	9.903 974		286	
		10		16			6		
715	9.776 581		9.872 613		0.127 387	9.903 968		285	
		11		16			6		
716	9.776 592		9.872 629		0.127 371	9.903 962		284	
		10		16			5		
717	9.776 602		9.872 645		0.127 355	9.903 957		283	
		10		16			6		
718	9.776 612		9.872 661		0.127 339	9.903 951		282	
		10		16			6		
719	9.776 622		9.872 677		0.127 323	9.903 945		281	
		10		15			5		
.720	9.776 632		9.872 692		0.127 308	9.903 940		**.280**	
		10		16			6		
721	9.776 642		9.872 708		0.127 292	9.903 934		279	
		10		16			5		
722	9.776 652		9.872 724		0.127 276	9.903 929		278	
		11		16			6		
723	9.776 663		9.872 740		0.127 260	9.903 923		277	
		10		16			6		
724	9.776 673		9.872 756		0.127 244	9.903 917		276	
		10		15			5		
725	9.776 683		9.872 771		0.127 229	9.903 912		275	
		10		16			6		
726	9.776 693		9.872 787		0.127 213	9.903 906		274	
		10		16			6		
727	9.776 703		9.872 803		0.127 197	9.903 900		273	
		10		16			5		
728	9.776 713		9.872 819		0.127 181	9.903 895		272	
		11		16			6		
729	9.776 724		9.872 835		0.127 165	9.903 889		271	
		10		16			6		
.730	9.776 734		9.872 851		0.127 149	9.903 883		**.270**	
		10		15			5		
731	9.776 744		9.872 866		0.127 134	9.903 878		269	
		10		16			6		
732	9.776 754		9.872 882		0.127 118	9.903 872		268	
		10		16			6		
733	9.776 764		9.872 898		0.127 102	9.903 866		267	
		10		16			5		
734	9.776 774		9.872 914		0.127 086	9.903 861		266	
		11		16			6		
735	9.776 785		9.872 930		0.127 070	9.903 855		265	
		10		15			6		
736	9.776 795		9.872 945		0.127 055	9.903 849		264	
		10		16			5		
737	9.776 805		9.872 961		0.127 039	9.903 844		263	
		10		16			6		
738	9.776 815		9.872 977		0.127 023	9.903 838		262	
		10		16			6		
739	9.776 825		9.872 993		0.127 007	9.903 832		261	
		10		16			5		
.740	9.776 835		9.873 009		0.126 991	9.903 827		**.260**	
		10		15			6		
741	9.776 845		9.873 024		0.126 976	9.903 821		259	
		11		16			6		
742	9.776 856		9.873 040		0.126 960	9.903 815		258	
		10		16			5		
743	9.776 866		9.873 056		0.126 944	9.903 810		257	
		10		16			6		
744	9.776 876		9.873 072		0.126 928	9.903 804		256	
		10		16			6		
745	9.776 886		9.873 088		0.126 912	9.903 798		255	
		10		16			5		
746	9.776 896		9.873 104		0.126 896	9.903 793		254	
		10		15			6		
747	9.776 906		9.873 119		0.126 881	9.903 787		253	
		11		16			6		
748	9.776 917		9.873 135		0.126 865	9.903 781		252	
		10		16			5		
749	9.776 927		9.873 151		0.126 849	9.903 776		251	
		10		16			6		
.750	9.776 937		9.873 167		0.126 833	9.903 770		**.250**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.300 — 53°.250

36°.750 — 36°.800

36°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.776 937		9.873 167		0.126 833	9.903 770		**.250**	
		10		16			6		
751	9.776 947		9.873 183		0.126 817	9.903 764		249	
		10		15			5		
752	9.776 957		9.873 198		0.126 802	9.903 759		248	
		10		16			6		
753	9.776 967		9.873 214		0.126 786	9.903 753		247	
		10		16			6		
754	9.776 977		9.873 230		0.126 770	9.903 747		246	
		11		16			5		
755	9.776 988		9.873 246		0.126 754	9.903 742		245	
		10		16			6		
756	9.776 998		9.873 262		0.126 738	9.903 736		244	
		10		15			6		
757	9.777 008		9.873 277		0.126 723	9.903 730		243	
		10		16			5		
758	9.777 018		9.873 293		0.126 707	9.903 725		242	
		10		16			6		
759	9.777 028		9.873 309		0.126 691	9.903 719		241	
		10		16			6		
.760	9.777 038		9.873 325		0.126 675	9.903 713		**.240**	
		10		16			5		
761	9.777 048		9.873 341		0.126 659	9.903 708		239	
		11		15			6		
762	9.777 059		9.873 356		0.126 644	9.903 702		238	
		10		16			5		
763	9.777 069		9.873 372		0.126 628	9.903 697		237	
		10		16			6		
764	9.777 079		9.873 388		0.126 612	9.903 691		236	
		10		16			6		
765	9.777 089		9.873 404		0.126 596	9.903 685		235	
		10		16			5		
766	9.777 099		9.873 420		0.126 580	9.903 680		234	
		10		16			6		
767	9.777 109		9.873 436		0.126 564	9.903 674		233	
		11		15			6		
768	9.777 120		9.873 451		0.126 549	9.903 668		232	
		10		16			5		
769	9.777 130		9.873 467		0.126 533	9.903 663		231	
		10		16			6		
.770	9.777 140		9.873 483		0.126 517	9.903 657		**.230**	
		10		16			6		
771	9.777 150		9.873 499		0.126 501	9.903 651		229	
		10		16			5		
772	9.777 160		9.873 515		0.126 485	9.903 646		228	
		10		15			6		
773	9.777 170		9.873 530		0.126 470	9.903 640		227	
		10		16			6		
774	9.777 180		9.873 546		0.126 454	9.903 634		226	
		11		16			5		
775	9.777 191		9.873 562		0.126 438	9.903 629		225	
		10		16			6		
776	9.777 201		9.873 578		0.126 422	9.903 623		224	
		10		16			6		
777	9.777 211		9.873 594		0.126 406	9.903 617		223	
		10		15			5		
778	9.777 221		9.873 609		0.126 391	9.903 612		222	
		10		16			6		
779	9.777 231		9.873 625		0.126 375	9.903 606		221	
		10		16			6		
.780	9.777 241		9.873 641		0.126 359	9.903 600		**.220**	
		10		16			5		
781	9.777 251		9.873 657		0.126 343	9.903 595		219	
		10		16			6		
782	9.777 261		9.873 673		0.126 327	9.903 589		218	
		11		15			6		
783	9.777 272		9.873 688		0.126 312	9.903 583		217	
		10		16			5		
784	9.777 282		9.873 704		0.126 296	9.903 578		216	
		10		16			6		
785	9.777 292		9.873 720		0.126 280	9.903 572		215	
		10		16			6		
786	9.777 302		9.873 736		0.126 264	9.903 566		214	
		10		16			5		
787	9.777 312		9.873 752		0.126 248	9.903 561		213	
		10		15			6		
788	9.777 322		9.873 767		0.126 233	9.903 555		212	
		10		16			6		
789	9.777 332		9.873 783		0.126 217	9.903 549		211	
		11		16			5		
.790	9.777 343		9.873 799		0.126 201	9.903 544		**.210**	
		10		16			6		
791	9.777 353		9.873 815		0.126 185	9.903 538		209	
		10		16			6		
792	9.777 363		9.873 831		0.126 169	9.903 532		208	
		10		15			5		
793	9.777 373		9.873 846		0.126 154	9.903 527		207	
		10		16			6		
794	9.777 383		9.873 862		0.126 138	9.903 521		206	
		10		16			6		
795	9.777 393		9.873 878		0.126 122	9.903 515		205	
		10		16			5		
796	9.777 403		9.873 894		0.126 106	9.903 510		204	
		11		16			6		
797	9.777 414		9.873 910		0.126 090	9.903 504		203	
		10		15			6		
798	9.777 424		9.873 925		0.126 075	9.903 498		202	
		10		16			5		
799	9.777 434		9.873 941		0.126 059	9.903 493		201	
		10		16			6		
.800	9.777 444		9.873 957		0.126 043	9.903 487		**.200**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

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7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

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3	1.8	1.5
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8	4.8	4.0
9	5.4	4.5

53°.250 — 53°.200

36°.800 — 36°.850

36°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.777 444		9.873 957		0.126 043	9.903 487		**.200**	
		10		16			6		
801	9.777 454		9.873 973		0.126 027	9.903 481		199	
802	9.777 464	10	9.873 989	16	0.126 011	9.903 476	5	198	
803	9.777 474	10	9.874 004	15	0.125 996	9.903 470	6	197	
		10		16			6		
804	9.777 484		9.874 020		0.125 980	9.903 464		196	
805	9.777 495	11	9.874 036	16	0.125 964	9.903 458	6	195	
806	9.777 505	10	9.874 052	16	0.125 948	9.903 453	5	194	
		10		16			6		
807	9.777 515		9.874 068		0.125 932	9.903 447		193	
808	9.777 525	10	9.874 084	16	0.125 916	9.903 441	6	192	
809	9.777 535	10	9.874 099	15	0.125 901	9.903 436	5	191	
		10		16			6		
.810	9.777 545		9.874 115		0.125 885	9.903 430		**.190**	
		10		16			6		
811	9.777 555		9.874 131		0.125 869	9.903 424		189	
812	9.777 565	10	9.874 147	16	0.125 853	9.903 419	5	188	
813	9.777 576	11	9.874 163	16	0.125 837	9.903 413	6	187	
		10		15			6		
814	9.777 586		9.874 178		0.125 822	9.903 407		186	
815	9.777 596	10	9.874 194	16	0.125 806	9.903 402	5	185	
816	9.777 606	10	9.874 210	16	0.125 790	9.903 396	6	184	
		10		16			6		
817	9.777 616		9.874 226		0.125 774	9.903 390		183	
818	9.777 626	10	9.874 242	16	0.125 758	9.903 385	5	182	
819	9.777 636	10	9.874 257	15	0.125 743	9.903 379	6	181	
		11		16			6		
.820	9.777 647		9.874 273		0.125 727	9.903 373		**.180**	
		10		16			5		
821	9.777 657		9.874 289		0.125 711	9.903 368		179	
822	9.777 667	10	9.874 305	16	0.125 695	9.903 362	6	178	
823	9.777 677	10	9.874 321	16	0.125 679	9.903 356	6	177	
		10		15			5		
824	9.777 687		9.874 336		0.125 664	9.903 351		176	
825	9.777 697	10	9.874 352	16	0.125 648	9.903 345	6	175	
826	9.777 707	10	9.874 368	16	0.125 632	9.903 339	6	174	
		10		16			5		
827	9.777 717		9.874 384		0.125 616	9.903 334		173	
828	9.777 727	10	9.874 399	15	0.125 601	9.903 328	6	172	
829	9.777 738	11	9.874 415	16	0.125 585	9.903 322	6	171	
		10		16			5		
.830	9.777 748		9.874 431		0.125 569	9.903 317		**.170**	
		10		16			6		
831	9.777 758		9.874 447		0.125 553	9.903 311		169	
832	9.777 768	10	9.874 463	16	0.125 537	9.903 305	6	168	
833	9.777 778	10	9.874 478	15	0.125 522	9.903 300	5	167	
		10		16			6		
834	9.777 788		9.874 494		0.125 506	9.903 294		166	
835	9.777 798	10	9.874 510	16	0.125 490	9.903 288	6	165	
836	9.777 808	10	9.874 526	16	0.125 474	9.903 283	5	164	
		11		16			6		
837	9.777 819		9.874 542		0.125 458	9.903 277		163	
838	9.777 829	10	9.874 557	15	0.125 443	9.903 271	6	162	
839	9.777 839	10	9.874 573	16	0.125 427	9.903 266	5	161	
		10		16			6		
.840	9.777 849		9.874 589		0.125 411	9.903 260		**.160**	
		10		16			6		
841	9.777 859		9.874 605		0.125 395	9.903 254		159	
842	9.777 869	10	9.874 621	16	0.125 379	9.903 249	5	158	
843	9.777 879	10	9.874 636	15	0.125 364	9.903 243	6	157	
		10		16			6		
844	9.777 889		9.874 652		0.125 348	9.903 237		156	
845	9.777 900	11	9.874 668	16	0.125 332	9.903 231	6	155	
846	9.777 910	10	9.874 684	16	0.125 316	9.903 226	5	154	
		10		16			6		
847	9.777 920		9.874 700		0.125 300	9.903 220		153	
848	9.777 930	10	9.874 715	15	0.125 285	9.903 214	6	152	
849	9.777 940	10	9.874 731	16	0.125 269	9.903 209	5	151	
		10		16			6		
.850	9.777 950		9.874 747		0.125 253	9.903 203		**.150**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

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9	9.9	9.0

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9	5.4	4.5

53°.200 — 53°.150

36°.850 — 36°.900

36°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.777 950		9.874 747		0.125 253	9.903 203		**.150**	
		10		16			6		
851	9.777 960		9.874 763		0.125 237	9.903 197		149	
852	9.777 970	10	9.874 779	16	0.125 221	9.903 192	5	148	
853	9.777 980	10	9.874 794	15	0.125 206	9.903 186	6	147	
		11		16			6		
854	9.777 991		9.874 810		0.125 190	9.903 180		146	
855	9.778 001	10	9.874 826	16	0.125 174	9.903 175	5	145	
856	9.778 011	10	9.874 842	16	0.125 158	9.903 169	6	144	
		10		16			6		
857	9.778 021		9.874 858		0.125 142	9.903 163		143	
858	9.778 031	10	9.874 873	15	0.125 127	9.903 158	5	142	
859	9.778 041	10	9.874 889	16	0.125 111	9.903 152	6	141	
		10		16			6		
.860	9.778 051		9.874 905		0.125 095	9.903 146		**.140**	
		10		16			5		
861	9.778 061		9.874 921		0.125 079	9.903 141		139	
862	9.778 071	10	9.874 937	16	0.125 063	9.903 135	6	138	
863	9.778 082	11	9.874 952	15	0.125 048	9.903 129	6	137	
		10		16			5		
864	9.778 092		9.874 968		0.125 032	9.903 124		136	
865	9.778 102	10	9.874 984	16	0.125 016	9.903 118	6	135	
866	9.778 112	10	9.875 000	16	0.125 000	9.903 112	6	134	
		10		16			6		
867	9.778 122		9.875 016		0.124 984	9.903 106		133	
868	9.778 132	10	9.875 031	15	0.124 969	9.903 101	5	132	
869	9.778 142	10	9.875 047	16	0.124 953	9.903 095	6	131	
		10		16			6		
.870	9.778 152		9.875 063		0.124 937	9.903 089		**.130**	
		10		16			5		
871	9.778 162		9.875 079		0.124 921	9.903 084		129	
872	9.778 172	10	9.875 094	15	0.124 906	9.903 078	6	128	
873	9.778 183	11	9.875 110	16	0.124 890	9.903 072	6	127	
		10		16			5		
874	9.778 193		9.875 126		0.124 874	9.903 067		126	
875	9.778 203	10	9.875 142	16	0.124 858	9.903 061	6	125	
876	9.778 213	10	9.875 158	16	0.124 842	9.903 055	6	124	
		10		15			5		
877	9.778 223		9.875 173		0.124 827	9.903 050		123	
878	9.778 233	10	9.875 189	16	0.124 811	9.903 044	6	122	
879	9.778 243	10	9.875 205	16	0.124 795	9.903 038	6	121	
		10		16			5		
.880	9.778 253		9.875 221		0.124 779	9.903 033		**.120**	
		10		16			6		
881	9.778 263		9.875 237		0.124 763	9.903 027		119	
882	9.778 274	11	9.875 252	15	0.124 748	9.903 021	6	118	
883	9.778 284	10	9.875 268	16	0.124 732	9.903 015	6	117	
		10		16			5		
884	9.778 294		9.875 284		0.124 716	9.903 010		116	
885	9.778 304	10	9.875 300	16	0.124 700	9.903 004	6	115	
886	9.778 314	10	9.875 316	16	0.124 684	9.902 998	6	114	
		10		15			5		
887	9.778 324		9.875 331		0.124 669	9.902 993		113	
888	9.778 334	10	9.875 347	16	0.124 653	9.902 987	6	112	
889	9.778 344	10	9.875 363	16	0.124 637	9.902 981	6	111	
		10		16			5		
.890	9.778 354		9.875 379		0.124 621	9.902 976		**.110**	
		10		15			6		
891	9.778 364		9.875 394		0.124 606	9.902 970		109	
892	9.778 375	11	9.875 410	16	0.124 590	9.902 964	6	108	
893	9.778 385	10	9.875 426	16	0.124 574	9.902 959	5	107	
		10		16			6		
894	9.778 395		9.875 442		0.124 558	9.902 953		106	
895	9.778 405	10	9.875 458	16	0.124 542	9.902 947	6	105	
896	9.778 415	10	9.875 473	15	0.124 527	9.902 942	5	104	
		10		16			6		
897	9.778 425		9.875 489		0.124 511	9.902 936		103	
898	9.778 435	10	9.875 505	16	0.124 495	9.902 930	6	102	
899	9.778 445	10	9.875 521	16	0.124 479	9.902 924	6	101	
		10		16			5		
.900	9.778 455		9.875 537		0.124 463	9.902 919		**.100**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

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2	3.2	3.0
3	4.8	4.5
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8	12.8	12.0
9	14.4	13.5

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9	9.9	9.0

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8	4.8	4.0
9	5.4	4.5

53°.150 — 53°.100

36°.900 — 36°.950

36°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.778 455		9.875 537		0.124 463	9.902 919		.100	
		10		15			6		
901	9.778 465		9.875 552		0.124 448	9.902 913		099	
		11		16			6		
902	9.778 476		9.875 568		0.124 432	9.902 907		098	
		10		16			6		
903	9.778 486		9.875 584		0.124 416	9.902 902		097	
		10		16			6		
904	9.778 496		9.875 600		0.124 400	9.902 896		096	
		10		15			6		
905	9.778 506		9.875 615		0.124 385	9.902 890		095	
		10		16			5		
906	9.778 516		9.875 631		0.124 369	9.902 885		094	
		10		16			6		
907	9.778 526		9.875 647		0.124 353	9.902 879		093	
		10		16			6		
908	9.778 536		9.875 663		0.124 337	9.902 873		092	
		10		16			5		
909	9.778 546		9.875 679		0.124 321	9.902 868		091	
		10		15			6		
.910	9.778 556		9.875 694		0.124 306	9.902 862		.090	
		10		16			6		
911	9.778 566		9.875 710		0.124 290	9.902 856		089	
		10		16			6		
912	9.778 576		9.875 726		0.124 274	9.902 850		088	
		11		16			5		
913	9.778 587		9.875 742		0.124 258	9.902 845		087	
		10		16			6		
914	9.778 597		9.875 758		0.124 242	9.902 839		086	
		10		15			6		
915	9.778 607		9.875 773		0.124 227	9.902 833		085	
		10		16			5		
916	9.778 617		9.875 789		0.124 211	9.902 828		084	
		10		16			6		
917	9.778 627		9.875 805		0.124 195	9.902 822		083	
		10		16			6		
918	9.778 637		9.875 821		0.124 179	9.902 816		082	
		10		15			5		
919	9.778 647		9.875 836		0.124 164	9.902 811		081	
		10		16			6		
.920	9.778 657		9.875 852		0.124 148	9.902 805		.080	
		10		16			6		
921	9.778 667		9.875 868		0.124 132	9.902 799		079	
		10		16			5		
922	9.778 677		9.875 884		0.124 116	9.902 794		078	
		10		16			6		
923	9.778 687		9.875 900		0.124 100	9.902 788		077	
		10		15			6		
924	9.778 697		9.875 915		0.124 085	9.902 782		076	
		11		16			6		
925	9.778 708		9.875 931		0.124 069	9.902 776		075	
		10		16			5		
926	9.778 718		9.875 947		0.124 053	9.902 771		074	
		10		16			6		
927	9.778 728		9.875 963		0.124 037	9.902 765		073	
		10		16			6		
928	9.778 738		9.875 979		0.124 021	9.902 759		072	
		10		15			5		
929	9.778 748		9.875 994		0.124 006	9.902 754		071	
		10		16			6		
.930	9.778 758		9.876 010		0.123 990	9.902 748		.070	
		10		16			6		
931	9.778 768		9.876 026		0.123 974	9.902 742		069	
		10		16			5		
932	9.778 778		9.876 042		0.123 958	9.902 737		068	
		10		15			6		
933	9.778 788		9.876 057		0.123 943	9.902 731		067	
		10		16			6		
934	9.778 798		9.876 073		0.123 927	9.902 725		066	
		10		16			6		
935	9.778 808		9.876 089		0.123 911	9.902 719		065	
		11		16			5		
936	9.778 819		9.876 105		0.123 895	9.902 714		064	
		10		16			6		
937	9.778 829		9.876 121		0.123 879	9.902 708		063	
		10		15			6		
938	9.778 839		9.876 136		0.123 864	9.902 702		062	
		10		16			5		
939	9.778 849		9.876 152		0.123 848	9.902 697		061	
		10		16			6		
.940	9.778 859		9.876 168		0.123 832	9.902 691		.060	
		10		16			6		
941	9.778 869		9.876 184		0.123 816	9.902 685		059	
		10		15			5		
942	9.778 879		9.876 199		0.123 801	9.902 680		058	
		10		16			6		
943	9.778 889		9.876 215		0.123 785	9.902 674		057	
		10		16			6		
944	9.778 899		9.876 231		0.123 769	9.902 668		056	
		10		16			6		
945	9.778 909		9.876 247		0.123 753	9.902 662		055	
		10		16			5		
946	9.778 919		9.876 263		0.123 737	9.902 657		054	
		10		15			6		
947	9.778 929		9.876 278		0.123 722	9.902 651		053	
		10		16			6		
948	9.778 939		9.876 294		0.123 706	9.902 645		052	
		11		16			5		
949	9.778 950		9.876 310		0.123 690	9.902 640		051	
		10		16			6		
.950	9.778 960		9.876 326		0.123 674	9.902 634		.050	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
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9	14.4	13.5

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6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.100 — 53°.050

36°.950 — 37°.000

36°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.778 960		9.876 326		0.123 674	9.902 634		**.050**	
		10		15			6		
951	9.778 970		9.876 341		0.123 659	9.902 628		049	
952	9.778 980	10	9.876 357	16	0.123 643	9.902 623	5	048	
953	9.778 990	10	9.876 373	16	0.123 627	9.902 617	6	047	
		10		16			6		
954	9.779 000		9.876 389		0.123 611	9.902 611		046	
955	9.779 010	10	9.876 405	16	0.123 595	9.902 605	6	045	
956	9.779 020	10	9.876 420	15	0.123 580	9.902 600	5	044	
		10		16			6		
957	9.779 030		9.876 436		0.123 564	9.902 594		043	
958	9.779 040	10	9.876 452	16	0.123 548	9.902 588	6	042	
959	9.779 050	10	9.876 468	16	0.123 532	9.902 583	5	041	
		10		15			6		
.960	9.779 060		9.876 483		0.123 517	9.902 577		**.040**	
		10		16			6		
961	9.779 070		9.876 499		0.123 501	9.902 571		039	
962	9.779 081	11	9.876 515	16	0.123 485	9.902 566	5	038	
963	9.779 091	10	9.876 531	16	0.123 469	9.902 560	6	037	
		10		16			6		
964	9.779 101		9.876 547		0.123 453	9.902 554		036	
965	9.779 111	10	9.876 562	15	0.123 438	9.902 548	6	035	
966	9.779 121	10	9.876 578	16	0.123 422	9.902 543	5	034	
		10		16			6		
967	9.779 131		9.876 594		0.123 406	9.902 537		033	
968	9.779 141	10	9.876 610	16	0.123 390	9.902 531	6	032	
969	9.779 151	10	9.876 625	15	0.123 375	9.902 526	5	031	
		10		16			6		
.970	9.779 161		9.876 641		0.123 359	9.902 520		**.030**	
		10		16			6		
971	9.779 171		9.876 657		0.123 343	9.902 514		029	
972	9.779 181	10	9.876 673	16	0.123 327	9.902 508	6	028	
973	9.779 191	10	9.876 689	16	0.123 311	9.902 503	5	027	
		10		15			6		
974	9.779 201		9.876 704		0.123 296	9.902 497		026	
975	9.779 211	10	9.876 720	16	0.123 280	9.902 491	6	025	
976	9.779 222	11	9.876 736	16	0.123 264	9.902 486	5	024	
		10		16			6		
977	9.779 232		9.876 752		0.123 248	9.902 480		023	
978	9.779 242	10	9.876 767	15	0.123 233	9.902 474	6	022	
979	9.779 252	10	9.876 783	16	0.123 217	9.902 469	5	021	
		10		16			6		
.980	9.779 262		9.876 799		0.123 201	9.902 463		**.020**	
		10		16			6		
981	9.779 272		9.876 815		0.123 185	9.902 457		019	
982	9.779 282	10	9.876 831	16	0.123 169	9.902 451	6	018	
983	9.779 292	10	9.876 846	15	0.123 154	9.902 446	5	017	
		10		16			6		
984	9.779 302		9.876 862		0.123 138	9.902 440		016	
985	9.779 312	10	9.876 878	16	0.123 122	9.902 434	6	015	
986	9.779 322	10	9.876 894	16	0.123 106	9.902 429	5	014	
		10		15			6		
987	9.779 332		9.876 909		0.123 091	9.902 423		013	
988	9.779 342	10	9.876 925	16	0.123 075	9.902 417	6	012	
989	9.779 352	10	9.876 941	16	0.123 059	9.902 411	6	011	
		10		16			5		
.990	9.779 362		9.876 957		0.123 043	9.902 406		**.010**	
		10		15			6		
991	9.779 372		9.876 972		0.123 028	9.902 400		009	
992	9.779 383	11	9.876 988	16	0.123 012	9.902 394	6	008	
993	9.779 393	10	9.877 004	16	0.122 996	9.902 389	5	007	
		10		16			6		
994	9.779 403		9.877 020		0.122 980	9.902 383		006	
995	9.779 413	10	9.877 036	16	0.122 964	9.902 377	6	005	
996	9.779 423	10	9.877 051	15	0.122 949	9.902 371	6	004	
		10		16			5		
997	9.779 433		9.877 067		0.122 933	9.902 366		003	
998	9.779 443	10	9.877 083	16	0.122 917	9.902 360	6	002	
999	9.779 453	10	9.877 099	16	0.122 901	9.902 354	6	001	
		10		15			5		
***000**	9.779 463		9.877 114		0.122 886	9.902 349		**.000**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.050 — 53°.000

37°.000 — 37°.050

37°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.779 463		9.877 114		0.122 886	9.902 349		***000**	
		10		16			6		
001	9.779 473		9.877 130		0.122 870	9.902 343		999	
002	9.779 483	10	9.877 146	16	0.122 854	9.902 337	6	998	
003	9.779 493	10	9.877 162	16	0.122 838	9.902 331	6	997	
		10		15			5		
004	9.779 503		9.877 177	16	0.122 823	9.902 326	6	996	
005	9.779 513	10	9.877 193	16	0.122 807	9.902 320	6	995	
006	9.779 523	10	9.877 209	16	0.122 791	9.902 314	6	994	
		10		16			5		
007	9.779 533		9.877 225	16	0.122 775	9.902 309	6	993	
008	9.779 543	10	9.877 241	15	0.122 759	9.902 303	6	992	
009	9.779 554	11	9.877 256	16	0.122 744	9.902 297	6	991	
		10		16			6		
.010	9.779 564		9.877 272		0.122 728	9.902 291		**.990**	
		10		16			5		
011	9.779 574		9.877 288		0.122 712	9.902 286	6	989	
012	9.779 584	10	9.877 304	16	0.122 696	9.902 280	6	988	
013	9.779 594	10	9.877 319	15	0.122 681	9.902 274	6	987	
		10		16			5		
014	9.779 604		9.877 335	16	0.122 665	9.902 269	6	986	
015	9.779 614	10	9.877 351	16	0.122 649	9.902 263	6	985	
016	9.779 624	10	9.877 367	15	0.122 633	9.902 257	6	984	
		10		16			6		
017	9.779 634		9.877 382	16	0.122 618	9.902 251		983	
018	9.779 644	10	9.877 398	16	0.122 602	9.902 246	5	982	
019	9.779 654	10	9.877 414	16	0.122 586	9.902 240	6	981	
		10		16			6		
.020	9.779 664		9.877 430		0.122 570	9.902 234		**.980**	
		10		16			5		
021	9.779 674		9.877 446		0.122 554	9.902 229	6	979	
022	9.779 684	10	9.877 461	15	0.122 539	9.902 223	6	978	
023	9.779 694	10	9.877 477	16	0.122 523	9.902 217	6	977	
		10		16			6		
024	9.779 704		9.877 493	16	0.122 507	9.902 211		976	
025	9.779 714	10	9.877 509	16	0.122 491	9.902 206	5	975	
026	9.779 724	10	9.877 524	15	0.122 476	9.902 200	6	974	
		10		16			6		
027	9.779 734		9.877 540	16	0.122 460	9.902 194		973	
028	9.779 745	11	9.877 556	16	0.122 444	9.902 189	5	972	
029	9.779 755	10	9.877 572	16	0.122 428	9.902 183	6	971	
		10		15			6		
.030	9.779 765		9.877 587	16	0.122 413	9.902 177		**.970**	
		10		16			6		
031	9.779 775		9.877 603		0.122 397	9.902 171		969	
032	9.779 785	10	9.877 619	16	0.122 381	9.902 166	5	968	
033	9.779 795	10	9.877 635	16	0.122 365	9.902 160	6	967	
		10		16			6		
034	9.779 805		9.877 651	16	0.122 349	9.902 154		966	
035	9.779 815	10	9.877 666	15	0.122 334	9.902 149	5	965	
036	9.779 825	10	9.877 682	16	0.122 318	9.902 143	6	964	
		10		16			6		
037	9.779 835		9.877 698	16	0.122 302	9.902 137		963	
038	9.779 845	10	9.877 714	16	0.122 286	9.902 131	6	962	
039	9.779 855	10	9.877 729	15	0.122 271	9.902 126	5	961	
		10		16			6		
.040	9.779 865		9.877 745		0.122 255	9.902 120		**.960**	
		10		16			6		
041	9.779 875		9.877 761		0.122 239	9.902 114		959	
042	9.779 885	10	9.877 777	16	0.122 223	9.902 109	5	958	
043	9.779 895	10	9.877 792	15	0.122 208	9.902 103	6	957	
		10		16			6		
044	9.779 905		9.877 808	16	0.122 192	9.902 097		956	
045	9.779 915	10	9.877 824	16	0.122 176	9.902 091	6	955	
046	9.779 925	10	9.877 840	16	0.122 160	9.902 086	5	954	
		10		15			6		
047	9.779 935		9.877 855	16	0.122 145	9.902 080		953	
048	9.779 945	10	9.877 871	16	0.122 129	9.902 074	6	952	
049	9.779 955	10	9.877 887	16	0.122 113	9.902 068	6	951	
		11		16			5		
.050	9.779 966		9.877 903		0.122 097	9.902 063		**.950**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.000 — 52°.950

37°.050 — 37°.100

37°	sin	d	tang	d	cotg	cos	d		P.P.		
.050	9.779 966		9.877 903		0.122 097	9.902 063		**.950**			
		10		16			6				
051	9.779 976		9.877 919		0.122 081	9.902 057		949			
		10		15			6				
052	9.779 986		9.877 934		0.122 066	9.902 051		948			
		10		16			5				
053	9.779 996		9.877 950		0.122 050	9.902 046		947			
		10		16			6				
054	9.780 006		9.877 966		0.122 034	9.902 040		946			
		10		16			6				
055	9.780 016		9.877 982		0.122 018	9.902 034		945			
		10		15			6				
056	9.780 026		9.877 997		0.122 003	9.902 028		944			
		10		16			5				
057	9.780 036		9.878 013		0.121 987	9.902 023		943			
		10		16			6				
058	9.780 046		9.878 029		0.121 971	9.902 017		942			
		10		16			6				
059	9.780 056		9.878 045		0.121 955	9.902 011		941			
		10		15			5				
.060	9.780 066		9.878 060		0.121 940	9.902 006		**.940**			
		10		16			6				
061	9.780 076		9.878 076		0.121 924	9.902 000		939			
		10		16			6				
062	9.780 086		9.878 092		0.121 908	9.901 994		938			
		10		16			6				
063	9.780 096		9.878 108		0.121 892	9.901 988		937			
		10		15			5				
064	9.780 106		9.878 123		0.121 877	9.901 983		936			
		10		16			6				
065	9.780 116		9.878 139		0.121 861	9.901 977		935			
		10		16			6				
066	9.780 126		9.878 155		0.121 845	9.901 971		934			
		10		16			6				
067	9.780 136		9.878 171		0.121 829	9.901 965		933			
		10		15			5				
068	9.780 146		9.878 186		0.121 814	9.901 960		932			
		10		16			6				
069	9.780 156		9.878 202		0.121 798	9.901 954		931			
		10		16			6				
.070	9.780 166		9.878 218		0.121 782	9.901 948		**.930**			
		10		16			5				
071	9.780 176		9.878 234		0.121 766	9.901 943		929		11	10
		10		15			6				
072	9.780 186		9.878 249		0.121 751	9.901 937		928			
		10		16			6				
073	9.780 196		9.878 265		0.121 735	9.901 931		927	1	1.1	1.0
		10		16			6		2	2.2	2.0
074	9.780 206		9.878 281		0.121 719	9.901 925		926	3	3.3	3.0
		10		16			5		4	4.4	4.0
075	9.780 216		9.878 297		0.121 703	9.901 920		925	5	5.5	5.0
		10		16			6		6	6.6	6.0
076	9.780 226		9.878 313		0.121 687	9.901 914		924	7	7.7	7.0
		10		15			6		8	8.8	8.0
077	9.780 236		9.878 328		0.121 672	9.901 908		923	9	9.9	9.0
		11		16			6				
078	9.780 247		9.878 344		0.121 656	9.901 902		922			
		10		16			5				
079	9.780 257		9.878 360		0.121 640	9.901 897		921			
		10		16			6				
.080	9.780 267		9.878 376		0.121 624	9.901 891		**.920**			
		10		15			6				
081	9.780 277		9.878 391		0.121 609	9.901 885		919			
		10		16			5				
082	9.780 287		9.878 407		0.121 593	9.901 880		918			
		10		16			6				
083	9.780 297		9.878 423		0.121 577	9.901 874		917			
		10		16			6				
084	9.780 307		9.878 439		0.121 561	9.901 868		916			
		10		15			6				
085	9.780 317		9.878 454		0.121 546	9.901 862		915			
		10		16			5				
086	9.780 327		9.878 470		0.121 530	9.901 857		914		6	5
		10		16			6				
087	9.780 337		9.878 486		0.121 514	9.901 851		913	1	0.6	0.5
		10		16			6		2	1.2	1.0
088	9.780 347		9.878 502		0.121 498	9.901 845		912	3	1.8	1.5
		10		15			6		4	2.4	2.0
089	9.780 357		9.878 517		0.121 483	9.901 839		911	5	3.0	2.5
		10		16			5		6	3.6	3.0
.090	9.780 367		9.878 533		0.121 467	9.901 834		**.910**	7	4.2	3.5
		10		16			6		8	4.8	4.0
091	9.780 377		9.878 549		0.121 451	9.901 828		909	9	5.4	4.5
		10		16			6				
092	9.780 387		9.878 565		0.121 435	9.901 822		908			
		10		15			5				
093	9.780 397		9.878 580		0.121 420	9.901 817		907			
		10		16			6				
094	9.780 407		9.878 596		0.121 404	9.901 811		906			
		10		16			6				
095	9.780 417		9.878 612		0.121 388	9.901 805		905			
		10		16			6				
096	9.780 427		9.878 628		0.121 372	9.901 799		904			
		10		15			5				
097	9.780 437		9.878 643		0.121 357	9.901 794		903			
		10		16			6				
098	9.780 447		9.878 659		0.121 341	9.901 788		902			
		10		16			6				
099	9.780 457		9.878 675		0.121 325	9.901 782		901			
		10		16			6				
.100	9.780 467		9.878 691		0.121 309	9.901 776		**.900**			
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.		

52°.950 — 52°.900

37°.100 — 37°.150

37°	sin	d	tang	d	cotg	cos	d		P.P.	
.100	9.780 467		9.878 691		0.121 309	9.901 776		.900		
		10		15			5			
101	9.780 477		9.878 706		0.121 294	9.901 771		899		
102	9.780 487	10	9.878 722	16	0.121 278	9.901 765	6	898		
103	9.780 497	10	9.878 738	16	0.121 262	9.901 759	6	897		
		10		16			6			
104	9.780 507		9.878 754		0.121 246	9.901 753		896		
105	9.780 517	10	9.878 769	15	0.121 231	9.901 748	5	895		
106	9.780 527	10	9.878 785	16	0.121 215	9.901 742	6	894		
		10		16			6			
107	9.780 537		9.878 801		0.121 199	9.901 736		893		
108	9.780 547	10	9.878 817	16	0.121 183	9.901 731	5	892		
109	9.780 557	10	9.878 832	15	0.121 168	9.901 725	6	891		
		10		16			6			
.110	9.780 567		9.878 848		0.121 152	9.901 719		.890		
		10		16			6			
111	9.780 577		9.878 864		0.121 136	9.901 713		889		
112	9.780 587	10	9.878 880	16	0.121 120	9.901 708	5	888		
113	9.780 597	10	9.878 895	15	0.121 105	9.901 702	6	887		
		10		16			6			
114	9.780 607		9.878 911		0.121 089	9.901 696		886		
115	9.780 617	10	9.878 927	16	0.121 073	9.901 690	6	885		
116	9.780 627	10	9.878 943	16	0.121 057	9.901 685	5	884		
		10		16			6			
117	9.780 637		9.878 959		0.121 041	9.901 679		883		
118	9.780 647	10	9.878 974	15	0.121 026	9.901 673	6	882		
119	9.780 657	10	9.878 990	16	0.121 010	9.901 667	6	881		
		10		16			5			
.120	9.780 667		9.879 006		0.120 994	9.901 662		.880		
		10		16			6			
121	9.780 677		9.879 022		0.120 978	9.901 656		879		
122	9.780 687	10	9.879 037	15	0.120 963	9.901 650	6	878		
123	9.780 698	11	9.879 053	16	0.120 947	9.901 644	6	877		
		10		16			5			
124	9.780 708		9.879 069		0.120 931	9.901 639		876		
125	9.780 718	10	9.879 085	16	0.120 915	9.901 633	6	875		
126	9.780 728	10	9.879 100	15	0.120 900	9.901 627	6	874		
		10		16			5			
127	9.780 738		9.879 116		0.120 884	9.901 622		873		
128	9.780 748	10	9.879 132	16	0.120 868	9.901 616	6	872		
129	9.780 758	10	9.879 148	16	0.120 852	9.901 610	6	871		
		10		15			6			
.130	9.780 768		9.879 163		0.120 837	9.901 604		.870		
		10		16			5			
131	9.780 778		9.879 179		0.120 821	9.901 599		869		
132	9.780 788	10	9.879 195	16	0.120 805	9.901 593	6	868		
133	9.780 798	10	9.879 211	16	0.120 789	9.901 587	6	867		
		10		15			6			
134	9.780 808		9.879 226		0.120 774	9.901 581		866		
135	9.780 818	10	9.879 242	16	0.120 758	9.901 576	5	865		
136	9.780 828	10	9.879 258	16	0.120 742	9.901 570	6	864		
		10		16			6			
137	9.780 838		9.879 274		0.120 726	9.901 564		863		
138	9.780 848	10	9.879 289	15	0.120 711	9.901 558	6	862		
139	9.780 858	10	9.879 305	16	0.120 695	9.901 553	5	861		
		10		16			6			
.140	9.780 868		9.879 321		0.120 679	9.901 547		.860		
		10		16			6			
141	9.780 878		9.879 337		0.120 663	9.901 541		859		
142	9.780 888	10	9.879 352	15	0.120 648	9.901 535	6	858		
143	9.780 898	10	9.879 368	16	0.120 632	9.901 530	5	857		
		10		16			6			
144	9.780 908		9.879 384		0.120 616	9.901 524		856		
145	9.780 918	10	9.879 400	16	0.120 600	9.901 518	6	855		
146	9.780 928	10	9.879 415	15	0.120 585	9.901 512	6	854		
		10		16			5			
147	9.780 938		9.879 431		0.120 569	9.901 507		853		
148	9.780 948	10	9.879 447	16	0.120 553	9.901 501	6	852		
149	9.780 958	10	9.879 462	15	0.120 538	9.901 495	6	851		
		10		16			5			
.150	9.780 968		9.879 478		0.120 522	9.901 490		.850		
	cos	d	cotg	d	tang	sin	d	52°	P.P.	

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.900 — 52°.850

37°.150 — 37°.200

37°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.780 968		9.879 478		0.120 522	9.901 490		.850	
		10		16			6		
151	9.780 978		9.879 494		0.120 506	9.901 484		849	
152	9.780 988	10	9.879 510	16	0.120 490	9.901 478	6	848	
153	9.780 998	10	9.879 525	15	0.120 475	9.901 472	6	847	
		10		16			5		
154	9.781 008		9.879 541		0.120 459	9.901 467		846	
155	9.781 018	10	9.879 557	16	0.120 443	9.901 461	6	845	
156	9.781 028	10	9.879 573	16	0.120 427	9.901 455	6	844	
		10		15			6		
157	9.781 038		9.879 588		0.120 412	9.901 449		843	
158	9.781 048	10	9.879 604	16	0.120 396	9.901 444	5	842	
159	9.781 058	10	9.879 620	16	0.120 380	9.901 438	6	841	
		10		16			6		
.160	9.781 068		9.879 636		0.120 364	9.901 432		.840	
		10		15			6		
161	9.781 078		9.879 651		0.120 349	9.901 426		839	
162	9.781 088	10	9.879 667	16	0.120 333	9.901 421	5	838	
163	9.781 098	10	9.879 683	16	0.120 317	9.901 415	6	837	
		10		16			6		
164	9.781 108		9.879 699		0.120 301	9.901 409		836	
165	9.781 118	10	9.879 714	15	0.120 286	9.901 403	6	835	
166	9.781 128	10	9.879 730	16	0.120 270	9.901 398	5	834	
		10		16			6		
167	9.781 138		9.879 746		0.120 254	9.901 392		833	
168	9.781 148	10	9.879 762	16	0.120 238	9.901 386	6	832	
169	9.781 158	10	9.879 777	15	0.120 223	9.901 380	6	831	
		10		16			5		
.170	9.781 168		9.879 793		0.120 207	9.901 375		.830	
		10		16			6		
171	9.781 178		9.879 809		0.120 191	9.901 369		829	
172	9.781 188	10	9.879 825	16	0.120 175	9.901 363	6	828	
173	9.781 198	10	9.879 840	15	0.120 160	9.901 357	6	827	
		10		16			5		
174	9.781 208		9.879 856		0.120 144	9.901 352		826	
175	9.781 218	10	9.879 872	16	0.120 128	9.901 346	6	825	
176	9.781 228	10	9.879 888	16	0.120 112	9.901 340	6	824	
		10		15			6		
177	9.781 238		9.879 903		0.120 097	9.901 334		823	
178	9.781 248	10	9.879 919	16	0.120 081	9.901 329	5	822	
179	9.781 258	10	9.879 935	16	0.120 065	9.901 323	6	821	
		10		16			6		
.180	9.781 268		9.879 951		0.120 049	9.901 317		.820	
		10		15			6		
181	9.781 278		9.879 966		0.120 034	9.901 311		819	
182	9.781 288	10	9.879 982	16	0.120 018	9.901 306	5	818	
183	9.781 298	10	9.879 998	16	0.120 002	9.901 300	6	817	
		10		16			6		
184	9.781 308		9.880 014		0.119 986	9.901 294		816	
185	9.781 318	10	9.880 029	15	0.119 971	9.901 288	6	815	
186	9.781 328	10	9.880 045	16	0.119 955	9.901 283	5	814	
		10		16			6		
187	9.781 338		9.880 061		0.119 939	9.901 277		813	
188	9.781 348	10	9.880 077	16	0.119 923	9.901 271	6	812	
189	9.781 358	10	9.880 092	15	0.119 908	9.901 265	6	811	
		10		16			5		
.190	9.781 368		9.880 108		0.119 892	9.901 260		.810	
		10		16			6		
191	9.781 378		9.880 124		0.119 876	9.901 254		809	
192	9.781 388	10	9.880 139	15	0.119 861	9.901 248	6	808	
193	9.781 398	10	9.880 155	16	0.119 845	9.901 242	6	807	
		10		16			5		
194	9.781 408		9.880 171		0.119 829	9.901 237		806	
195	9.781 418	10	9.880 187	16	0.119 813	9.901 231	6	805	
196	9.781 428	10	9.880 202	15	0.119 798	9.901 225	6	804	
		10		16			6		
197	9.781 438		9.880 218		0.119 782	9.901 219		803	
198	9.781 448	10	9.880 234	16	0.119 766	9.901 214	5	802	
199	9.781 458	10	9.880 250	16	0.119 750	9.901 208	6	801	
		10		15			6		
.200	9.781 468		9.880 265		0.119 735	9.901 202		.800	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10
1	1.0
2	2.0
3	3.0
4	4.0
5	5.0
6	6.0
7	7.0
8	8.0
9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.850 — 52°.800

37°.200 — 37°.250

37°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.781 468		9.880 265		0.119 735	9.901 202		**.800**	
		9		16			6		
201	9.781 477		9.880 281		0.119 719	9.901 196		799	
		10		16			5		
202	9.781 487		9.880 297		0.119 703	9.901 191		798	
		10		16			6		
203	9.781 497		9.880 313		0.119 687	9.901 185		797	
		10		15			6		
204	9.781 507		9.880 328		0.119 672	9.901 179		796	
		10		16			6		
205	9.781 517		9.880 344		0.119 656	9.901 173		795	
		10		16			5		
206	9.781 527		9.880 360		0.119 640	9.901 168		794	
		10		16			6		
207	9.781 537		9.880 376		0.119 624	9.901 162		793	
		10		15			6		
208	9.781 547		9.880 391		0.119 609	9.901 156		792	
		10		16			6		
209	9.781 557		9.880 407		0.119 593	9.901 150		791	
		10		16			5		
.210	9.781 567		9.880 423		0.119 577	9.901 145		**.790**	
		10		16			6		
211	9.781 577		9.880 439		0.119 561	9.901 139		789	
		10		15			6		
212	9.781 587		9.880 454		0.119 546	9.901 133		788	
		10		16			6		
213	9.781 597		9.880 470		0.119 530	9.901 127		787	
		10		16			5		
214	9.781 607		9.880 486		0.119 514	9.901 122		786	
		10		15			6		
215	9.781 617		9.880 501		0.119 499	9.901 116		785	
		10		16			6		
216	9.781 627		9.880 517		0.119 483	9.901 110		784	
		10		16			6		
217	9.781 637		9.880 533		0.119 467	9.901 104		783	
		10		16			6		
218	9.781 647		9.880 549		0.119 451	9.901 098		782	
		10		15			5		
219	9.781 657		9.880 564		0.119 436	9.901 093		781	
		10		16			6		
.220	9.781 667		9.880 580		0.119 420	9.901 087		**.780**	
		10		16			6		
221	9.781 677		9.880 596		0.119 404	9.901 081		779	
		10		16			6		
222	9.781 687		9.880 612		0.119 388	9.901 075		778	
		10		15			5		
223	9.781 697		9.880 627		0.119 373	9.901 070		777	
		10		16			6		
224	9.781 707		9.880 643		0.119 357	9.901 064		776	
		10		16			6		
225	9.781 717		9.880 659		0.119 341	9.901 058		775	
		10		16			6		
226	9.781 727		9.880 675		0.119 325	9.901 052		774	
		10		15			5		
227	9.781 737		9.880 690		0.119 310	9.901 047		773	
		10		16			6		
228	9.781 747		9.880 706		0.119 294	9.901 041		772	
		10		16			6		
229	9.781 757		9.880 722		0.119 278	9.901 035		771	
		10		16			6		
.230	9.781 767		9.880 738		0.119 262	9.901 029		**.770**	
		10		15			5		
231	9.781 777		9.880 753		0.119 247	9.901 024		769	
		10		16			6		
232	9.781 787		9.880 769		0.119 231	9.901 018		768	
		10		16			6		
233	9.781 797		9.880 785		0.119 215	9.901 012		767	
		10		15			6		
234	9.781 807		9.880 800		0.119 200	9.901 006		766	
		10		16			5		
235	9.781 817		9.880 816		0.119 184	9.901 001		765	
		10		16			6		
236	9.781 827		9.880 832		0.119 168	9.900 995		764	
		10		16			6		
237	9.781 837		9.880 848		0.119 152	9.900 989		763	
		10		15			6		
238	9.781 847		9.880 863		0.119 137	9.900 983		762	
		10		16			5		
239	9.781 857		9.880 879		0.119 121	9.900 978		761	
		10		16			6		
.240	9.781 867		9.880 895		0.119 105	9.900 972		**.760**	
		10		16			6		
241	9.781 877		9.880 911		0.119 089	9.900 966		759	
		10		15			6		
242	9.781 887		9.880 926		0.119 074	9.900 960		758	
		10		16			5		
243	9.781 897		9.880 942		0.119 058	9.900 955		757	
		10		16			6		
244	9.781 907		9.880 958		0.119 042	9.900 949		756	
		10		16			6		
245	9.781 917		9.880 974		0.119 026	9.900 943		755	
		9		15			6		
246	9.781 926		9.880 989		0.119 011	9.900 937		754	
		10		16			6		
247	9.781 936		9.881 005		0.118 995	9.900 931		753	
		10		16			5		
248	9.781 946		9.881 021		0.118 979	9.900 926		752	
		10		15			6		
249	9.781 956		9.881 036		0.118 964	9.900 920		751	
		10		16			6		
.250	9.781 966		9.881 052		0.118 948	9.900 914		**.750**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.800 — 52°.750

37°.250 — 37°.300

37°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.781 966		9.881 052		0.118 948	9.900 914		**.750**	
		10		16			6		
251	9.781 976		9.881 068		0.118 932	9.900 908		749	
		10		16			5		
252	9.781 986		9.881 084		0.118 916	9.900 903		748	
		10		15			6		
253	9.781 996		9.881 099		0.118 901	9.900 897		747	
		10		16			6		
254	9.782 006		9.881 115		0.118 885	9.900 891		746	
		10		16			6		
255	9.782 016		9.881 131		0.118 869	9.900 885		745	
		10		16			5		
256	9.782 026		9.881 147		0.118 853	9.900 880		744	
		10		15			6		
257	9.782 036		9.881 162		0.118 838	9.900 874		743	
		10		16			6		
258	9.782 046		9.881 178		0.118 822	9.900 868		742	
		10		16			6		
259	9.782 056		9.881 194		0.118 806	9.900 862		741	
		10		16			5		
.260	9.782 066		9.881 210		0.118 790	9.900 857		**.740**	
		10		15			6		
261	9.782 076		9.881 225		0.118 775	9.900 851		739	
		10		16			6		
262	9.782 086		9.881 241		0.118 759	9.900 845		738	
		10		16			6		
263	9.782 096		9.881 257		0.118 743	9.900 839		737	
		10		15			6		
264	9.782 106		9.881 272		0.118 728	9.900 833		736	
		10		16			5		
265	9.782 116		9.881 288		0.118 712	9.900 828		735	
		10		16			6		
266	9.782 126		9.881 304		0.118 696	9.900 822		734	
		10		16			6		
267	9.782 136		9.881 320		0.118 680	9.900 816		733	
		10		15			6		
268	9.782 146		9.881 335		0.118 665	9.900 810		732	
		10		16			5		
269	9.782 156		9.881 351		0.118 649	9.900 805		731	
		10		16			6		
.270	9.782 166		9.881 367		0.118 633	9.900 799		**.730**	
		10		16			6		
271	9.782 176		9.881 383		0.118 617	9.900 793		729	
		10		15			6		
272	9.782 186		9.881 398		0.118 602	9.900 787		728	
		10		16			5		
273	9.782 196		9.881 414		0.118 586	9.900 782		727	
		9		16			6		
274	9.782 205		9.881 430		0.118 570	9.900 776		726	
		10		15			6		
275	9.782 215		9.881 445		0.118 555	9.900 770		725	
		10		16			6		
276	9.782 225		9.881 461		0.118 539	9.900 764		724	
		10		16			6		
277	9.782 235		9.881 477		0.118 523	9.900 758		723	
		10		16			5		
278	9.782 245		9.881 493		0.118 507	9.900 753		722	
		10		15			6		
279	9.782 255		9.881 508		0.118 492	9.900 747		721	
		10		16			6		
.280	9.782 265		9.881 524		0.118 476	9.900 741		**.720**	
		10		16			6		
281	9.782 275		9.881 540		0.118 460	9.900 735		719	
		10		16			5		
282	9.782 285		9.881 556		0.118 444	9.900 730		718	
		10		15			6		
283	9.782 295		9.881 571		0.118 429	9.900 724		717	
		10		16			6		
284	9.782 305		9.881 587		0.118 413	9.900 718		716	
		10		16			6		
285	9.782 315		9.881 603		0.118 397	9.900 712		715	
		10		15			5		
286	9.782 325		9.881 618		0.118 382	9.900 707		714	
		10		16			6		
287	9.782 335		9.881 634		0.118 366	9.900 701		713	
		10		16			6		
288	9.782 345		9.881 650		0.118 350	9.900 695		712	
		10		16			6		
289	9.782 355		9.881 666		0.118 334	9.900 689		711	
		10		15			6		
.290	9.782 365		9.881 681		0.118 319	9.900 683		**.710**	
		10		16			5		
291	9.782 375		9.881 697		0.118 303	9.900 678		709	
		10		16			6		
292	9.782 385		9.881 713		0.118 287	9.900 672		708	
		10		16			6		
293	9.782 395		9.881 729		0.118 271	9.900 666		707	
		10		15			6		
294	9.782 405		9.881 744		0.118 256	9.900 660		706	
		10		16			5		
295	9.782 415		9.881 760		0.118 240	9.900 655		705	
		10		16			6		
296	9.782 425		9.881 776		0.118 224	9.900 649		704	
		9		15			6		
297	9.782 434		9.881 791		0.118 209	9.900 643		703	
		10		16			6		
298	9.782 444		9.881 807		0.118 193	9.900 637		702	
		10		16			6		
299	9.782 454		9.881 823		0.118 177	9.900 631		701	
		10		16			5		
.300	9.782 464		9.881 839		0.118 161	9.900 626		**.700**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.750 — 52°.700

37°.300 — 37°.350

37°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.782 464		9.881 839		0.118 161	9.900 626		**.700**	
		10		15			6		
301	9.782 474		9.881 854		0.118 146	9.900 620		699	
302	9.782 484	10	9.881 870	16	0.118 130	9.900 614	6	698	
303	9.782 494	10	9.881 886	16	0.118 114	9.900 608	6	697	
		10		16			5		
304	9.782 504		9.881 902		0.118 098	9.900 603		696	
305	9.782 514	10	9.881 917	15	0.118 083	9.900 597	6	695	
306	9.782 524	10	9.881 933	16	0.118 067	9.900 591	6	694	
		10		16			6		
307	9.782 534		9.881 949		0.118 051	9.900 585		693	
308	9.782 544	10	9.881 964	15	0.118 036	9.900 580	5	692	
309	9.782 554	10	9.881 980	16	0.118 020	9.900 574	6	691	
		10		16			6		
.310	9.782 564		9.881 996		0.118 004	9.900 568		**.690**	
		10		16			6		
311	9.782 574		9.882 012		0.117 988	9.900 562		689	
312	9.782 584	10	9.882 027	15	0.117 973	9.900 556	6	688	
313	9.782 594	10	9.882 043	16	0.117 957	9.900 551	5	687	
		10		16			6		
314	9.782 604		9.882 059		0.117 941	9.900 545		686	
315	9.782 614	10	9.882 074	15	0.117 926	9.900 539	6	685	
316	9.782 623	9	9.882 090	16	0.117 910	9.900 533	6	684	
		10		16			5		
317	9.782 633		9.882 106		0.117 894	9.900 528		683	
318	9.782 643	10	9.882 122	16	0.117 878	9.900 522	6	682	
319	9.782 653	10	9.882 137	15	0.117 863	9.900 516	6	681	
		10		16			6		
.320	9.782 663		9.882 153		0.117 847	9.900 510		**.680**	
		10		16			6		
321	9.782 673		9.882 169		0.117 831	9.900 504		679	
322	9.782 683	10	9.882 185	16	0.117 815	9.900 499	5	678	
323	9.782 693	10	9.882 200	15	0.117 800	9.900 493	6	677	
		10		16			6		
324	9.782 703		9.882 216		0.117 784	9.900 487		676	
325	9.782 713	10	9.882 232	16	0.117 768	9.900 481	6	675	
326	9.782 723	10	9.882 247	15	0.117 753	9.900 476	5	674	
		10		16			6		
327	9.782 733		9.882 263		0.117 737	9.900 470		673	
328	9.782 743	10	9.882 279	16	0.117 721	9.900 464	6	672	
329	9.782 753	10	9.882 295	16	0.117 705	9.900 458	6	671	
		10		15			6		
.330	9.782 763		9.882 310		0.117 690	9.900 452		**.670**	
		10		16			5		
331	9.782 773		9.882 326		0.117 674	9.900 447		669	
332	9.782 783	10	9.882 342	16	0.117 658	9.900 441	6	668	
333	9.782 792	9	9.882 357	15	0.117 643	9.900 435	6	667	
		10		16			6		
334	9.782 802		9.882 373		0.117 627	9.900 429		666	
335	9.782 812	10	9.882 389	16	0.117 611	9.900 423	6	665	
336	9.782 822	10	9.882 405	16	0.117 595	9.900 418	5	664	
		10		15			6		
337	9.782 832		9.882 420		0.117 580	9.900 412		663	
338	9.782 842	10	9.882 436	16	0.117 564	9.900 406	6	662	
339	9.782 852	10	9.882 452	16	0.117 548	9.900 400	6	661	
		10		15			5		
.340	9.782 862		9.882 467		0.117 533	9.900 395		**.660**	
		10		16			6		
341	9.782 872		9.882 483		0.117 517	9.900 389		659	
342	9.782 882	10	9.882 499	16	0.117 501	9.900 383	6	658	
343	9.782 892	10	9.882 515	16	0.117 485	9.900 377	6	657	
		10		15			6		
344	9.782 902		9.882 530		0.117 470	9.900 371		656	
345	9.782 912	10	9.882 546	16	0.117 454	9.900 366	5	655	
346	9.782 922	10	9.882 562	16	0.117 438	9.900 360	6	654	
		10		15			6		
347	9.782 932		9.882 577		0.117 423	9.900 354		653	
348	9.782 941	9	9.882 593	16	0.117 407	9.900 348	6	652	
349	9.782 951	10	9.882 609	16	0.117 391	9.900 343	5	651	
		10		16			6		
.350	9.782 961		9.882 625		0.117 375	9.900 337		**.650**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.700 — 52°.650

37°.350 — 37°.400

37°	sin	d	tang	d	cotg	cos	d		P.P.		
.350	9.782 961		9.882 625		0.117 375	9.900 337		**.650**			
		10		15			6				
351	9.782 971		9.882 640		0.117 360	9.900 331		649			
352	9.782 981	10	9.882 656	16	0.117 344	9.900 325	6	648			
353	9.782 991	10	9.882 672	16	0.117 328	9.900 319	6	647			
		10		15			5				
354	9.783 001		9.882 687		0.117 313	9.900 314		646			
355	9.783 011	10	9.882 703	16	0.117 297	9.900 308	6	645			
356	9.783 021	10	9.882 719	16	0.117 281	9.900 302	6	644			
		10		16			6				
357	9.783 031		9.882 735		0.117 265	9.900 296		643			
358	9.783 041	10	9.882 750	15	0.117 250	9.900 290	6	642			
359	9.783 051	10	9.882 766	16	0.117 234	9.900 285	5	641			
		10		16			6				
.360	9.783 061		9.882 782		0.117 218	9.900 279		**.640**			
		10		16			6				
361	9.783 071		9.882 798		0.117 202	9.900 273		639			
362	9.783 081	10	9.882 813	15	0.117 187	9.900 267	6	638			
363	9.783 090	9	9.882 829	16	0.117 171	9.900 262	5	637			
		10		16			6				
364	9.783 100		9.882 845		0.117 155	9.900 256		636			
365	9.783 110	10	9.882 860	15	0.117 140	9.900 250	6	635			
366	9.783 120	10	9.882 876	16	0.117 124	9.900 244	6	634			
		10		16			6				
367	9.783 130		9.882 892		0.117 108	9.900 238		633			
368	9.783 140	10	9.882 908	16	0.117 092	9.900 233	5	632			
369	9.783 150	10	9.882 923	15	0.117 077	9.900 227	6	631			
		10		16			6				
.370	9.783 160		9.882 939		0.117 061	9.900 221		**.630**			
		10		16			6				
371	9.783 170		9.882 955		0.117 045	9.900 215		629			
372	9.783 180	10	9.882 970	15	0.117 030	9.900 209	6	628			
373	9.783 190	10	9.882 986	16	0.117 014	9.900 204	5	627			
		10		16			6				
374	9.783 200		9.883 002		0.116 998	9.900 198		626			
375	9.783 210	10	9.883 018	16	0.116 982	9.900 192	6	625			
376	9.783 219	9	9.883 033	15	0.116 967	9.900 186	6	624			
		10		16			6				
377	9.783 229		9.883 049		0.116 951	9.900 180		623			
378	9.783 239	10	9.883 065	16	0.116 935	9.900 175	5	622			
379	9.783 249	10	9.883 080	15	0.116 920	9.900 169	6	621			
		10		16			6				
.380	9.783 259		9.883 096		0.116 904	9.900 163		**.620**			
		10		16			6				
381	9.783 269		9.883 112		0.116 888	9.900 157		619			
382	9.783 279	10	9.883 127	15	0.116 873	9.900 152	5	618			
383	9.783 289	10	9.883 143	16	0.116 857	9.900 146	6	617			
		10		16			6				
384	9.783 299		9.883 159		0.116 841	9.900 140		616			
385	9.783 309	10	9.883 175	16	0.116 825	9.900 134	6	615			
386	9.783 319	10	9.883 190	15	0.116 810	9.900 128	6	614			
		10		16			5				
387	9.783 329		9.883 206		0.116 794	9.900 123		613			
388	9.783 339	10	9.883 222	16	0.116 778	9.900 117	6	612			
389	9.783 348	9	9.883 237	15	0.116 763	9.900 111	6	611			
		10		16			6				
.390	9.783 358		9.883 253		0.116 747	9.900 105		**.610**			
		10		16			6				
391	9.783 368		9.883 269		0.116 731	9.900 099		609			
392	9.783 378	10	9.883 285	16	0.116 715	9.900 094	5	608			
393	9.783 388	10	9.883 300	15	0.116 700	9.900 088	6	607			
		10		16			6				
394	9.783 398		9.883 316		0.116 684	9.900 082		606			
395	9.783 408	10	9.883 332	16	0.116 668	9.900 076	6	605			
396	9.783 418	10	9.883 347	15	0.116 653	9.900 070	6	604			
		10		16			5				
397	9.783 428		9.883 363		0.116 637	9.900 065		603			
398	9.783 438	10	9.883 379	16	0.116 621	9.900 059	6	602			
399	9.783 448	10	9.883 395	16	0.116 605	9.900 053	6	601			
		10		15			6				
.400	9.783 458		9.883 410		0.116 590	9.900 047		**.600**			

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

	cos	d	cotg	d	tang	sin	d	52°	P.P.

52°.650 — 52°.600

37°.400 — 37°.450

37°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.783 458		9.883 410		0.116 590	9.900 047		**.600**	
		9		16			6		
401	9.783 467		9.883 426		0.116 574	9.900 041		599	
		10		16			5		
402	9.783 477		9.883 442		0.116 558	9.900 036		598	
		10		15			6		
403	9.783 487		9.883 457		0.116 543	9.900 030		597	
		10		16			6		
404	9.783 497		9.883 473		0.116 527	9.900 024		596	
		10		16			6		
405	9.783 507		9.883 489		0.116 511	9.900 018		595	
		10		16			6		
406	9.783 517		9.883 505		0.116 495	9.900 012		594	
		10		15			5		
407	9.783 527		9.883 520		0.116 480	9.900 007		593	
		10		16			6		
408	9.783 537		9.883 536		0.116 464	9.900 001		592	
		10		16			6		
409	9.783 547		9.883 552		0.116 448	9.899 995		591	
		10		15			6		
.410	9.783 557		9.883 567		0.116 433	9.899 989		**.590**	
		10		16			6		
411	9.783 567		9.883 583		0.116 417	9.899 983		589	
		9		16			5		
412	9.783 576		9.883 599		0.116 401	9.899 978		588	
		10		15			6		
413	9.783 586		9.883 614		0.116 386	9.899 972		587	
		10		16			6		
414	9.783 596		9.883 630		0.116 370	9.899 966		586	
		10		16			6		
415	9.783 606		9.883 646		0.116 354	9.899 960		585	
		10		16			6		
416	9.783 616		9.883 662		0.116 338	9.899 954		584	
		10		15			5		
417	9.783 626		9.883 677		0.116 323	9.899 949		583	
		10		16			6		
418	9.783 636		9.883 693		0.116 307	9.899 943		582	
		10		16			6		
419	9.783 646		9.883 709		0.116 291	9.899 937		581	
		10		15			6		
.420	9.783 656		9.883 724		0.116 276	9.899 931		**.580**	
		10		16			6		
421	9.783 666		9.883 740		0.116 260	9.899 925		579	
		10		16			5		
422	9.783 676		9.883 756		0.116 244	9.899 920		578	
		9		16			6		
423	9.783 685		9.883 772		0.116 228	9.899 914		577	
		10		15			6		
424	9.783 695		9.883 787		0.116 213	9.899 908		576	
		10		16			6		
425	9.783 705		9.883 803		0.116 197	9.899 902		575	
		10		16			6		
426	9.783 715		9.883 819		0.116 181	9.899 896		574	
		10		15			5		
427	9.783 725		9.883 834		0.116 166	9.899 891		573	
		10		16			6		
428	9.783 735		9.883 850		0.116 150	9.899 885		572	
		10		16			6		
429	9.783 745		9.883 866		0.116 134	9.899 879		571	
		10		15			6		
.430	9.783 755		9.883 881		0.116 119	9.899 873		**.570**	
		10		16			6		
431	9.783 765		9.883 897		0.116 103	9.899 867		569	
		10		16			5		
432	9.783 775		9.883 913		0.116 087	9.899 862		568	
		9		16			6		
433	9.783 784		9.883 929		0.116 071	9.899 856		567	
		10		15			6		
434	9.783 794		9.883 944		0.116 056	9.899 850		566	
		10		16			6		
435	9.783 804		9.883 960		0.116 040	9.899 844		565	
		10		16			6		
436	9.783 814		9.883 976		0.116 024	9.899 838		564	
		10		15			5		
437	9.783 824		9.883 991		0.116 009	9.899 833		563	
		10		16			6		
438	9.783 834		9.884 007		0.115 993	9.899 827		562	
		10		16			6		
439	9.783 844		9.884 023		0.115 977	9.899 821		561	
		10		16			6		
.440	9.783 854		9.884 039		0.115 961	9.899 815		**.560**	
		10		15			6		
441	9.783 864		9.884 054		0.115 946	9.899 809		559	
		10		16			5		
442	9.783 874		9.884 070		0.115 930	9.899 804		558	
		9		16			6		
443	9.783 883		9.884 086		0.115 914	9.899 798		557	
		10		15			6		
444	9.783 893		9.884 101		0.115 899	9.899 792		556	
		10		16			6		
445	9.783 903		9.884 117		0.115 883	9.899 786		555	
		10		16			6		
446	9.783 913		9.884 133		0.115 867	9.899 780		554	
		10		15			5		
447	9.783 923		9.884 148		0.115 852	9.899 775		553	
		10		16			6		
448	9.783 933		9.884 164		0.115 836	9.899 769		552	
		10		16			6		
449	9.783 943		9.884 180		0.115 820	9.899 763		551	
		10		16			6		
.450	9.783 953		9.884 196		0.115 804	9.899 757		**.550**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.600 — 52°.550

$37^\circ.450 - 37^\circ.500$

37°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.783 953		9.884 196		0.115 804	9.899 757		**.550**	
		10		15			6		
451	9.783 963		9.884 211		0.115 789	9.899 751		549	
452	9.783 973	10	9.884 227	16	0.115 773	9.899 746	5	548	
453	9.783 982	9	9.884 243	16	0.115 757	9.899 740	6	547	
		10		15			6		
454	9.783 992		9.884 258		0.115 742	9.899 734		546	
455	9.784 002	10	9.884 274	16	0.115 726	9.899 728	6	545	
456	9.784 012	10	9.884 290	16	0.115 710	9.899 722	6	544	
		10		15			5		16 15
457	9.784 022		9.884 305		0.115 695	9.899 717		543	1 1.6 1.5
458	9.784 032	10	9.884 321	16	0.115 679	9.899 711	6	542	2 3.2 3.0
459	9.784 042	10	9.884 337	16	0.115 663	9.899 705	6	541	3 4.8 4.5
		10		16			6		4 6.4 6.0
.460	9.784 052		9.884 353		0.115 647	9.899 699		**.540**	5 8.0 7.5
		10		15			6		6 9.6 9.0
461	9.784 062		9.884 368		0.115 632	9.899 693		539	7 11.2 10.5
462	9.784 071	9	9.884 384	16	0.115 616	9.899 688	5	538	8 12.8 12.0
463	9.784 081	10	9.884 400	16	0.115 600	9.899 682	6	537	9 14.4 13.5
		10		15			6		
464	9.784 091		9.884 415		0.115 585	9.899 676		536	
465	9.784 101	10	9.884 431	16	0.115 569	9.899 670	6	535	
466	9.784 111	10	9.884 447	16	0.115 553	9.899 664	6	534	
		10		15			6		
467	9.784 121		9.884 462		0.115 538	9.899 658		533	
468	9.784 131	10	9.884 478	16	0.115 522	9.899 653	5	532	
469	9.784 141	10	9.884 494	16	0.115 506	9.899 647	6	531	
		10		16			6		
.470	9.784 151		9.884 510		0.115 490	9.899 641		**.530**	
		10		15			6		
471	9.784 161		9.884 525		0.115 475	9.899 635		529	10 9
472	9.784 170	9	9.884 541	16	0.115 459	9.899 629	6	528	
473	9.784 180	10	9.884 557	16	0.115 443	9.899 624	5	527	1 1.0 0.9
		10		15			6		2 2.0 1.8
474	9.784 190		9.884 572		0.115 428	9.899 618		526	3 3.0 2.7
475	9.784 200	10	9.884 588	16	0.115 412	9.899 612	6	525	4 4.0 3.6
476	9.784 210	10	9.884 604	16	0.115 396	9.899 606	6	524	5 5.0 4.5
		10		15			6		6 6.0 5.4
477	9.784 220		9.884 619		0.115 381	9.899 600		523	7 7.0 6.3
478	9.784 230	10	9.884 635	16	0.115 365	9.899 595	5	522	8 8.0 7.2
479	9.784 240	10	9.884 651	16	0.115 349	9.899 589	6	521	9 9.0 8.1
		9		16			6		
.480	9.784 249		9.884 667		0.115 333	9.899 583		**.520**	
		10		15			6		
481	9.784 259		9.884 682		0.115 318	9.899 577		519	
482	9.784 269	10	9.884 698	16	0.115 302	9.899 571	6	518	
483	9.784 279	10	9.884 714	16	0.115 286	9.899 566	5	517	
		10		15			6		
484	9.784 289		9.884 729		0.115 271	9.899 560		516	
485	9.784 299	10	9.884 745	16	0.115 255	9.899 554	6	515	
486	9.784 309	10	9.884 761	16	0.115 239	9.899 548	6	514	6 5
		10		15			6		
487	9.784 319		9.884 776		0.115 224	9.899 542		513	1 0.6 0.5
488	9.784 329	10	9.884 792	16	0.115 208	9.899 536	6	512	2 1.2 1.0
489	9.784 338	9	9.884 808	16	0.115 192	9.899 531	5	511	3 1.8 1.5
		10		16			6		4 2.4 2.0
.490	9.784 348		9.884 824		0.115 176	9.899 525		**.510**	5 3.0 2.5
		10		15			6		6 3.6 3.0
491	9.784 358		9.884 839		0.115 161	9.899 519		509	7 4.2 3.5
492	9.784 368	10	9.884 855	16	0.115 145	9.899 513	6	508	8 4.8 4.0
493	9.784 378	10	9.884 871	16	0.115 129	9.899 507	6	507	9 5.4 4.5
		10		15			5		
494	9.784 388		9.884 886		0.115 114	9.899 502		506	
495	9.784 398	10	9.884 902	16	0.115 098	9.899 496	6	505	
496	9.784 408	10	9.884 918	16	0.115 082	9.899 490	6	504	
		9		15			6		
497	9.784 417		9.884 933		0.115 067	9.899 484		503	
498	9.784 427	10	9.884 949	16	0.115 051	9.899 478	6	502	
499	9.784 437	10	9.884 965	16	0.115 035	9.899 472	6	501	
		10		15			5		
.500	9.784 447		9.884 980		0.115 020	9.899 467		**.500**	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

$52^\circ.550 - 52^\circ.500$

37°.500 — 37°.550

37°	sin	d	tang	d	cotg	cos	d		P.P.		
.500	9.784 447		9.884 980		0.115 020	9.899 467		**.500**			
		10		16			6				
501	9.784 457		9.884 996		0.115 004	9.899 461		499			
502	9.784 467	10	9.885 012	16	0.114 988	9.899 455	6	498			
503	9.784 477	10	9.885 028	16	0.114 972	9.899 449	6	497			
		10		15			6				
504	9.784 487		9.885 043	16	0.114 957	9.899 443		496			
505	9.784 497	10	9.885 059	16	0.114 941	9.899 438	5	495			
506	9.784 506	9	9.885 075		0.114 925	9.899 432	6	494			
		10		15			6				
507	9.784 516		9.885 090	16	0.114 910	9.899 426		493			
508	9.784 526	10	9.885 106	16	0.114 894	9.899 420	6	492			
509	9.784 536	10	9.885 122	16	0.114 878	9.899 414	6	491			
		10		15			6				
.510	9.784 546		9.885 137	16	0.114 863	9.899 408		**.490**			
		10					5				
511	9.784 556		9.885 153	16	0.114 847	9.899 403	6	489			
512	9.784 566	10	9.885 169	15	0.114 831	9.899 397	6	488			
513	9.784 576	10	9.885 184	16	0.114 816	9.899 391	6	487			
		9		16			6				
514	9.784 585		9.885 200	16	0.114 800	9.899 385	6	486			
515	9.784 595	10	9.885 216	16	0.114 784	9.899 379		485			
516	9.784 605	10	9.885 232	16	0.114 768	9.899 374	5	484			
		10		15			6				
517	9.784 615		9.885 247	16	0.114 753	9.899 368	6	483			
518	9.784 625	10	9.885 263	16	0.114 737	9.899 362	6	482			
519	9.784 635	10	9.885 279	16	0.114 721	9.899 356	6	481			
		10		15			6				
.520	9.784 645		9.885 294	16	0.114 706	9.899 350	6	**.480**			
		9									
521	9.784 654		9.885 310	16	0.114 690	9.899 344	5	479			
522	9.784 664	10	9.885 326	15	0.114 674	9.899 339	6	478			
523	9.784 674	10	9.885 341	16	0.114 659	9.899 333	6	477			
		10		16			6				
524	9.784 684		9.885 357	16	0.114 643	9.899 327	6	476			
525	9.784 694	10	9.885 373	15	0.114 627	9.899 321	6	475			
526	9.784 704	10	9.885 388	16	0.114 612	9.899 315	6	474			
		10		16			5				
527	9.784 714		9.885 404	16	0.114 596	9.899 310	6	473			
528	9.784 724	10	9.885 420	16	0.114 580	9.899 304	6	472			
529	9.784 733	9	9.885 436	16	0.114 564	9.899 298	6	471			
		10		15			6				
.530	9.784 743		9.885 451	16	0.114 549	9.899 292	6	**.470**			
		10									
531	9.784 753		9.885 467	16	0.114 533	9.899 286	6	469			
532	9.784 763	10	9.885 483	15	0.114 517	9.899 280	5	468			
533	9.784 773	10	9.885 498	16	0.114 502	9.899 275	6	467			
		10		16			6				
534	9.784 783		9.885 514	16	0.114 486	9.899 269	6	466			
535	9.784 793	10	9.885 530	16	0.114 470	9.899 263	6	465			
536	9.784 803	10	9.885 545	15	0.114 455	9.899 257	6	464			
		9		16			6				
537	9.784 812		9.885 561	16	0.114 439	9.899 251	6	463			
538	9.784 822	10	9.885 577	16	0.114 423	9.899 245	6	462			
539	9.784 832	10	9.885 592	15	0.114 408	9.899 240	5	461			
		10		16			6				
.540	9.784 842		9.885 608	16	0.114 392	9.899 234	6	**.460**			
		10									
541	9.784 852		9.885 624	16	0.114 376	9.899 228	6	459			
542	9.784 862	10	9.885 640	15	0.114 360	9.899 222	6	458			
543	9.784 872	10	9.885 655	16	0.114 345	9.899 216	6	457			
		9		16			5				
544	9.784 881		9.885 671	16	0.114 329	9.899 211	6	456			
545	9.784 891	10	9.885 687	15	0.114 313	9.899 205	6	455			
546	9.784 901	10	9.885 702	16	0.114 298	9.899 199	6	454			
		10		16			6				
547	9.784 911		9.885 718	16	0.114 282	9.899 193	6	453			
548	9.784 921	10	9.885 734	15	0.114 266	9.899 187	6	452			
549	9.784 931	10	9.885 749	16	0.114 251	9.899 181	6	451			
		10					5				
.550	9.784 941		9.885 765		0.114 235	9.899 176		**.450**			
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.		

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.500 — 52°.450

37°.550 — 37°.600

37°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.784 941		9.885 765		0.114 235	9.899 176		**.450**	
		9		16			6		
551	9.784 950		9.885 781		0.114 219	9.899 170		449	
		10		15			6		
552	9.784 960		9.885 796		0.114 204	9.899 164		448	
		10		16			6		
553	9.784 970		9.885 812		0.114 188	9.899 158		447	
		10		16			6		
554	9.784 980		9.885 828		0.114 172	9.899 152		446	
		10		15			6		
555	9.784 990		9.885 843		0.114 157	9.899 146		445	
		10		16			5		
556	9.785 000		9.885 859		0.114 141	9.899 141		444	
		10		16			6		
557	9.785 010		9.885 875		0.114 125	9.899 135		443	
		9		16			6		
558	9.785 019		9.885 891		0.114 109	9.899 129		442	
		10		15			6		
559	9.785 029		9.885 906		0.114 094	9.899 123		441	
		10		16			6		
.560	9.785 039		9.885 922		0.114 078	9.899 117		**.440**	
		10		16			6		
561	9.785 049		9.885 938		0.114 062	9.899 111		439	
		10		15			5		
562	9.785 059		9.885 953		0.114 047	9.899 106		438	
		10		16			6		
563	9.785 069		9.885 969		0.114 031	9.899 100		437	
		10		16			6		
564	9.785 079		9.885 985		0.114 015	9.899 094		436	
		9		15			6		
565	9.785 088		9.886 000		0.114 000	9.899 088		435	
		10		16			6		
566	9.785 098		9.886 016		0.113 984	9.899 082		434	
		10		16			6		
567	9.785 108		9.886 032		0.113 968	9.899 076		433	
		10		15			5		
568	9.785 118		9.886 047		0.113 953	9.899 071		432	
		10		16			6		
569	9.785 128		9.886 063		0.113 937	9.899 065		431	
		10		16			6		
.570	9.785 138		9.886 079		0.113 921	9.899 059		**.430**	
		10		15			6		
571	9.785 148		9.886 094		0.113 906	9.899 053		429	
		9		16			6		
572	9.785 157		9.886 110		0.113 890	9.899 047		428	
		10		16			5		
573	9.785 167		9.886 126		0.113 874	9.899 042		427	
		10		15			6		
574	9.785 177		9.886 141		0.113 859	9.899 036		426	
		10		16			6		
575	9.785 187		9.886 157		0.113 843	9.899 030		425	
		10		16			6		
576	9.785 197		9.886 173		0.113 827	9.899 024		424	
		10		16			6		
577	9.785 207		9.886 189		0.113 811	9.899 018		423	
		10		15			6		
578	9.785 217		9.886 204		0.113 796	9.899 012		422	
		9		16			5		
579	9.785 226		9.886 220		0.113 780	9.899 007		421	
		10		16			6		
.580	9.785 236		9.886 236		0.113 764	9.899 001		**.420**	
		10		15			6		
581	9.785 246		9.886 251		0.113 749	9.898 995		419	
		10		16			6		
582	9.785 256		9.886 267		0.113 733	9.898 989		418	
		10		16			6		
583	9.785 266		9.886 283		0.113 717	9.898 983		417	
		10		15			6		
584	9.785 276		9.886 298		0.113 702	9.898 977		416	
		9		16			5		
585	9.785 285		9.886 314		0.113 686	9.898 972		415	
		10		16			6		
586	9.785 295		9.886 330		0.113 670	9.898 966		414	
		10		15			6		
587	9.785 305		9.886 345		0.113 655	9.898 960		413	
		10		16			6		
588	9.785 315		9.886 361		0.113 639	9.898 954		412	
		10		16			6		
589	9.785 325		9.886 377		0.113 623	9.898 948		411	
		10		15			6		
.590	9.785 335		9.886 392		0.113 608	9.898 942		**.410**	
		10		16			5		
591	9.785 345		9.886 408		0.113 592	9.898 937		409	
		9		16			6		
592	9.785 354		9.886 424		0.113 576	9.898 931		408	
		10		15			6		
593	9.785 364		9.886 439		0.113 561	9.898 925		407	
		10		16			6		
594	9.785 374		9.886 455		0.113 545	9.898 919		406	
		10		16			6		
595	9.785 384		9.886 471		0.113 529	9.898 913		405	
		10		15			6		
596	9.785 394		9.886 486		0.113 514	9.898 907		404	
		10		16			6		
597	9.785 404		9.886 502		0.113 498	9.898 901		403	
		9		16			5		
598	9.785 413		9.886 518		0.113 482	9.898 896		402	
		10		16			6		
599	9.785 423		9.886 534		0.113 466	9.898 890		401	
		10		15			6		
.600	9.785 433		9.886 549		0.113 451	9.898 884		**.400**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.450 — 52°.400

37°.600 — 37°.650

37°	sin	d	tang	d	cotg	cos	d		P.P.		
.600	9.785 433		9.886 549		0.113 451	9.898 884		**.400**			
		10		16			6				
601	9.785 443		9.886 565		0.113 435	9.898 878		399			
602	9.785 453	10	9.886 581	16	0.113 419	9.898 872	6	398			
603	9.785 463	10	9.886 596	15	0.113 404	9.898 866	6	397			
		10		16			5				
604	9.785 473		9.886 612		0.113 388	9.898 861		396			
605	9.785 482	9	9.886 628	16	0.113 372	9.898 855	6	395			
606	9.785 492	10	9.886 643	15	0.113 357	9.898 849	6	394			
		10		16			6				
607	9.785 502		9.886 659		0.113 341	9.898 843		393			
608	9.785 512	10	9.886 675	16	0.113 325	9.898 837	6	392			
609	9.785 522	10	9.886 690	15	0.113 310	9.898 831	6	391			
		10		16			5				
.610	9.785 532		9.886 706		0.113 294	9.898 826		**.390**			
		9		16			6				
611	9.785 541		9.886 722		0.113 278	9.898 820		389			
612	9.785 551	10	9.886 737	15	0.113 263	9.898 814	6	388			
613	9.785 561	10	9.886 753	16	0.113 247	9.898 808	6	387			
		10		16			6				
614	9.785 571		9.886 769		0.113 231	9.898 802		386			
615	9.785 581	10	9.886 784	15	0.113 216	9.898 796	6	385			
616	9.785 591	10	9.886 800	16	0.113 200	9.898 791	5	384			
		9		16			6				
617	9.785 600		9.886 816		0.113 184	9.898 785		383			
618	9.785 610	10	9.886 831	15	0.113 169	9.898 779	6	382			
619	9.785 620	10	9.886 847	16	0.113 153	9.898 773	6	381			
		10		16			6				
.620	9.785 630		9.886 863		0.113 137	9.898 767		**.380**			
		10		15			6				
621	9.785 640		9.886 878		0.113 122	9.898 761		379			
622	9.785 650	10	9.886 894	16	0.113 106	9.898 756	5	378			
623	9.785 659	9	9.886 910	16	0.113 090	9.898 750	6	377			
		10		15			6				
624	9.785 669		9.886 925		0.113 075	9.898 744		376			
625	9.785 679	10	9.886 941	16	0.113 059	9.898 738	6	375			
626	9.785 689	10	9.886 957	16	0.113 043	9.898 732	6	374			
		10		16			6				
627	9.785 699		9.886 973		0.113 027	9.898 726		373			
628	9.785 709	10	9.886 988	15	0.113 012	9.898 720	6	372			
629	9.785 718	9	9.887 004	16	0.112 996	9.898 715	5	371			
		10		16			6				
.630	9.785 728		9.887 020		0.112 980	9.898 709		**.370**			
		10		15			6				
631	9.785 738		9.887 035		0.112 965	9.898 703		369			
632	9.785 748	10	9.887 051	16	0.112 949	9.898 697	6	368			
633	9.785 758	10	9.887 067	16	0.112 933	9.898 691	6	367			
		10		15			6				
634	9.785 768		9.887 082		0.112 918	9.898 685		366			
635	9.785 777	9	9.887 098	16	0.112 902	9.898 680	5	365			
636	9.785 787	10	9.887 114	16	0.112 886	9.898 674	6	364			
		10		15			6				
637	9.785 797		9.887 129		0.112 871	9.898 668		363			
638	9.785 807	10	9.887 145	16	0.112 855	9.898 662	6	362			
639	9.785 817	10	9.887 161	16	0.112 839	9.898 656	6	361			
		10		15			6				
.640	9.785 827		9.887 176		0.112 824	9.898 650		**.360**			
		9		16			6				
641	9.785 836		9.887 192		0.112 808	9.898 644		359			
642	9.785 846	10	9.887 208	16	0.112 792	9.898 639	5	358			
643	9.785 856	10	9.887 223	15	0.112 777	9.898 633	6	357			
		10		16			6				
644	9.785 866		9.887 239		0.112 761	9.898 627		356			
645	9.785 876	10	9.887 255	16	0.112 745	9.898 621	6	355			
646	9.785 886	10	9.887 270	15	0.112 730	9.898 615	6	354			
		9		16			6				
647	9.785 895		9.887 286		0.112 714	9.898 609		353			
648	9.785 905	10	9.887 302	16	0.112 698	9.898 604	5	352			
649	9.785 915	10	9.887 317	15	0.112 683	9.898 598	6	351			
		10		16			6				
.650	9.785 925		9.887 333		0.112 667	9.898 592		**.350**			
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.		

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.400 — 52°.350

37°.650 — 37°.700

37°	sin	d	tang	d	cotg	cos	d		P.P.		
.650	9.785 925		9.887 333		0.112 667	9.898 592		**.350**			
		10		16			6				
651	9.785 935		9.887 349		0.112 651	9.898 586		349			
652	9.785 945	10	9.887 364	15	0.112 636	9.898 580	6	348			
653	9.785 954	9	9.887 380	16	0.112 620	9.898 574	6	347			
		10		16			6				
654	9.785 964		9.887 396		0.112 604	9.898 568		346			
655	9.785 974	10	9.887 411	15	0.112 589	9.898 563	5	345			
656	9.785 984	10	9.887 427	16	0.112 573	9.898 557	6	344			
		10		16			6				
657	9.785 994		9.887 443		0.112 557	9.898 551		343			
658	9.786 003	9	9.887 458	15	0.112 542	9.898 545	6	342			
659	9.786 013	10	9.887 474	16	0.112 526	9.898 539	6	341			
		10		16			6				
.660	9.786 023		9.887 490		0.112 510	9.898 533		**.340**			
		10		15			5				
661	9.786 033		9.887 505		0.112 495	9.898 528		339			
662	9.786 043	10	9.887 521	16	0.112 479	9.898 522	6	338			
663	9.786 053	10	9.887 537	16	0.112 463	9.898 516	6	337			
		9		15			6				
664	9.786 062		9.887 552		0.112 448	9.898 510		336			
665	9.786 072	10	9.887 568	16	0.112 432	9.898 504	6	335			
666	9.786 082	10	9.887 584	16	0.112 416	9.898 498	6	334			
		10		15			6				
667	9.786 092		9.887 599		0.112 401	9.898 492		333			
668	9.786 102	10	9.887 615	16	0.112 385	9.898 487	5	332			
669	9.786 111	9	9.887 631	16	0.112 369	9.898 481	6	331			
		10		15			6				
.670	9.786 121		9.887 646		0.112 354	9.898 475		**.330**			
		10		16			6				
671	9.786 131		9.887 662		0.112 338	9.898 469		329			
672	9.786 141	10	9.887 678	16	0.112 322	9.898 463	6	328			
673	9.786 151	10	9.887 693	15	0.112 307	9.898 457	6	327			
		10		16			6				
674	9.786 161		9.887 709		0.112 291	9.898 451		326			
675	9.786 170	9	9.887 725	16	0.112 275	9.898 446	5	325			
676	9.786 180	10	9.887 740	15	0.112 260	9.898 440	6	324			
		10		16			6				
677	9.786 190		9.887 756		0.112 244	9.898 434		323			
678	9.786 200	10	9.887 772	16	0.112 228	9.898 428	6	322			
679	9.786 210	10	9.887 787	15	0.112 213	9.898 422	6	321			
		9		16			6				
.680	9.786 219		9.887 803		0.112 197	9.898 416		**.320**			
		10		16			6				
681	9.786 229		9.887 819		0.112 181	9.898 410		319			
682	9.786 239	10	9.887 834	15	0.112 166	9.898 405	5	318			
683	9.786 249	10	9.887 850	16	0.112 150	9.898 399	6	317			
		10		16			6				
684	9.786 259		9.887 866		0.112 134	9.898 393		316			
685	9.786 269	10	9.887 881	15	0.112 119	9.898 387	6	315			
686	9.786 278	9	9.887 897	16	0.112 103	9.898 381	6	314			
		10		16			6				
687	9.786 288		9.887 913		0.112 087	9.898 375		313			
688	9.786 298	10	9.887 928	15	0.112 072	9.898 369	6	312			
689	9.786 308	10	9.887 944	16	0.112 056	9.898 364	5	311			
		10		16			6				
.690	9.786 318		9.887 960		0.112 040	9.898 358		**.310**			
		9		15			6				
691	9.786 327		9.887 975		0.112 025	9.898 352		309			
692	9.786 337	10	9.887 991	16	0.112 009	9.898 346	6	308			
693	9.786 347	10	9.888 007	16	0.111 993	9.898 340	6	307			
		10		15			6				
694	9.786 357		9.888 022		0.111 978	9.898 334		306			
695	9.786 367	10	9.888 038	16	0.111 962	9.898 328	6	305			
696	9.786 376	9	9.888 054	16	0.111 946	9.898 323	5	304			
		10		15			6				
697	9.786 386		9.888 069		0.111 931	9.898 317		303			
698	9.786 396	10	9.888 085	16	0.111 915	9.898 311	6	302			
699	9.786 406	10	9.888 101	16	0.111 899	9.898 305	6	301			
		10		15			6				
.700	9.786 416		9.888 116		0.111 884	9.898 299		**.300**			
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.		

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.350 — 52°.300

37°.700 — 37°.750

37°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.786 416		9.888 116		0.111 884	9.898 299		**.300**	
		9		16			6		
701	9.786 425		9.888 132		0.111 868	9.898 293		299	
702	9.786 435	10	9.888 148	16	0.111 852	9.898 287	6	298	
703	9.786 445	10	9.888 163	15	0.111 837	9.898 282	5	297	
		10		16			6		
704	9.786 455		9.888 179		0.111 821	9.898 276		296	
705	9.786 465	10	9.888 195	16	0.111 805	9.898 270	6	295	
706	9.786 475	10	9.888 210	15	0.111 790	9.898 264	6	294	
		9		16			6		
707	9.786 484		9.888 226		0.111 774	9.898 258		293	
708	9.786 494	10	9.888 242	16	0.111 758	9.898 252	6	292	
709	9.786 504	10	9.888 257	15	0.111 743	9.898 246	6	291	
		10		16			5		
.710	9.786 514		9.888 273		0.111 727	9.898 241		**.290**	
		10		16			6		
711	9.786 524		9.888 289		0.111 711	9.898 235		289	
712	9.786 533	9	9.888 304	15	0.111 696	9.898 229	6	288	
713	9.786 543	10	9.888 320	16	0.111 680	9.898 223	6	287	
		10		16			6		
714	9.786 553		9.888 336		0.111 664	9.898 217		286	
715	9.786 563	10	9.888 351	15	0.111 649	9.898 211	6	285	
716	9.786 573	10	9.888 367	16	0.111 633	9.898 205	6	284	
		9		16			5		
717	9.786 582		9.888 383		0.111 617	9.898 200		283	
718	9.786 592	10	9.888 398	15	0.111 602	9.898 194	6	282	
719	9.786 602	10	9.888 414	16	0.111 586	9.898 188	6	281	
		10		16			6		
.720	9.786 612		9.888 430		0.111 570	9.898 182		**.280**	
		10		15			6		
721	9.786 622		9.888 445		0.111 555	9.898 176		279	
722	9.786 631	9	9.888 461	16	0.111 539	9.898 170	6	278	
723	9.786 641	10	9.888 477	16	0.111 523	9.898 164	6	277	
		10		15			5		
724	9.786 651		9.888 492		0.111 508	9.898 159		276	
725	9.786 661	10	9.888 508	16	0.111 492	9.898 153	6	275	
726	9.786 671	10	9.888 524	16	0.111 476	9.898 147	6	274	
		9		15			6		
727	9.786 680		9.888 539		0.111 461	9.898 141		273	
728	9.786 690	10	9.888 555	16	0.111 445	9.898 135	6	272	
729	9.786 700	10	9.888 571	16	0.111 429	9.898 129	6	271	
		10		15			6		
.730	9.786 710		9.888 586		0.111 414	9.898 123		**.270**	
		10		16			6		
731	9.786 720		9.888 602		0.111 398	9.898 117		269	
732	9.786 729	9	9.888 618	16	0.111 382	9.898 112	5	268	
733	9.786 739	10	9.888 633	15	0.111 367	9.898 106	6	267	
		10		16			6		
734	9.786 749		9.888 649		0.111 351	9.898 100		266	
735	9.786 759	10	9.888 665	16	0.111 335	9.898 094	6	265	
736	9.786 768	9	9.888 680	15	0.111 320	9.898 088	6	264	
		10		16			6		
737	9.786 778		9.888 696		0.111 304	9.898 082		263	
738	9.786 788	10	9.888 712	16	0.111 288	9.898 076	6	262	
739	9.786 798	10	9.888 727	15	0.111 273	9.898 071	5	261	
		10		16			6		
.740	9.786 808		9.888 743		0.111 257	9.898 065		**.260**	
		9		16			6		
741	9.786 817		9.888 759		0.111 241	9.898 059		259	
742	9.786 827	10	9.888 774	15	0.111 226	9.898 053	6	258	
743	9.786 837	10	9.888 790	16	0.111 210	9.898 047	6	257	
		10		16			6		
744	9.786 847		9.888 806		0.111 194	9.898 041		256	
745	9.786 857	10	9.888 821	15	0.111 179	9.898 035	6	255	
746	9.786 866	9	9.888 837	16	0.111 163	9.898 029	6	254	
		10		16			5		
747	9.786 876		9.888 853		0.111 147	9.898 024		253	
748	9.786 886	10	9.888 868	15	0.111 132	9.898 018	6	252	
749	9.786 896	10	9.888 884	16	0.111 116	9.898 012	6	251	
		10		16			6		
.750	9.786 906		9.888 900		0.111 100	9.898 006		**.250**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.300 — 52°.250

37°.750 — 37°.800

37°	sin	d	tang	d	cotg	cos	d		P.P.		
.750	9.786 906		9.888 900		0.111 100	9.898 006		**.250**			
		9		15			6				
751	9.786 915		9.888 915		0.111 085	9.898 000		249			
		10		16			6				
752	9.786 925		9.888 931		0.111 069	9.897 994		248			
		10		16			6				
753	9.786 935		9.888 947		0.111 053	9.897 988		247			
		10		15			5				
754	9.786 945		9.888 962		0.111 038	9.897 983		246			
		10		16			6				
755	9.786 955		9.888 978		0.111 022	9.897 977		245			
		9		16			6				
756	9.786 964		9.888 994		0.111 006	9.897 971		244			
		10		15			6				
757	9.786 974		9.889 009		0.110 991	9.897 965		243			
		10		16			6				
758	9.786 984		9.889 025		0.110 975	9.897 959		242			
		10		15			6				
759	9.786 994		9.889 040		0.110 960	9.897 953		241			
		9		16			6				
.760	9.787 003		9.889 056		0.110 944	9.897 947		**.240**			
		10		16			6				
761	9.787 013		9.889 072		0.110 928	9.897 941		239			
		10		15			5				
762	9.787 023		9.889 087		0.110 913	9.897 936		238			
		10		16			6				
763	9.787 033		9.889 103		0.110 897	9.897 930		237			
		10		16			6				
764	9.787 043		9.889 119		0.110 881	9.897 924		236			
		9		15			6				
765	9.787 052		9.889 134		0.110 866	9.897 918		235			
		10		16			6				
766	9.787 062		9.889 150		0.110 850	9.897 912		234			
		10		16			6				
767	9.787 072		9.889 166		0.110 834	9.897 906		233			
		10		15			6				
768	9.787 082		9.889 181		0.110 819	9.897 900		232			
		10		16			6				
769	9.787 092		9.889 197		0.110 803	9.897 894		231			
		9		16			5				
.770	9.787 101		9.889 213		0.110 787	9.897 889		**.230**			
		10		15			6				
771	9.787 111		9.889 228		0.110 772	9.897 883		229		10	9
		10		16			6				
772	9.787 121		9.889 244		0.110 756	9.897 877		228	1	1.0	0.9
		10		16			6		2	2.0	1.8
773	9.787 131		9.889 260		0.110 740	9.897 871		227	3	3.0	2.7
		9		15			6		4	4.0	3.6
774	9.787 140		9.889 275		0.110 725	9.897 865		226	5	5.0	4.5
		10		16			6		6	6.0	5.4
775	9.787 150		9.889 291		0.110 709	9.897 859		225	7	7.0	6.3
		10		16			6		8	8.0	7.2
776	9.787 160		9.889 307		0.110 693	9.897 853		224	9	9.0	8.1
		10		15			6				
777	9.787 170		9.889 322		0.110 678	9.897 847		223			
		10		16			5				
778	9.787 180		9.889 338		0.110 662	9.897 842		222			
		9		16			6				
779	9.787 189		9.889 354		0.110 646	9.897 836		221			
		10		15			6				
.780	9.787 199		9.889 369		0.110 631	9.897 830		**.220**			
		10		16			6				
781	9.787 209		9.889 385		0.110 615	9.897 824		219			
		10		16			6				
782	9.787 219		9.889 401		0.110 599	9.897 818		218			
		9		15			6				
783	9.787 228		9.889 416		0.110 584	9.897 812		217			
		10		16			6				
784	9.787 238		9.889 432		0.110 568	9.897 806		216			
		10		16			6				
785	9.787 248		9.889 448		0.110 552	9.897 800		215			
		10		15			5				
786	9.787 258		9.889 463		0.110 537	9.897 795		214		6	5
		10		16			6				
787	9.787 268		9.889 479		0.110 521	9.897 789		213	1	0.6	0.5
		9		15			6		2	1.2	1.0
788	9.787 277		9.889 494		0.110 506	9.897 783		212	3	1.8	1.5
		10		16			6		4	2.4	2.0
789	9.787 287		9.889 510		0.110 490	9.897 777		211	5	3.0	2.5
		10		16			6		6	3.6	3.0
.790	9.787 297		9.889 526		0.110 474	9.897 771		**.210**	7	4.2	3.5
		10		15			6		8	4.8	4.0
791	9.787 307		9.889 541		0.110 459	9.897 765		209	9	5.4	4.5
		9		16			6				
792	9.787 316		9.889 557		0.110 443	9.897 759		208			
		10		16			6				
793	9.787 326		9.889 573		0.110 427	9.897 753		207			
		10		15			5				
794	9.787 336		9.889 588		0.110 412	9.897 748		206			
		10		16			6				
795	9.787 346		9.889 604		0.110 396	9.897 742		205			
		10		16			6				
796	9.787 356		9.889 620		0.110 380	9.897 736		204			
		9		15			6				
797	9.787 365		9.889 635		0.110 365	9.897 730		203			
		10		16			6				
798	9.787 375		9.889 651		0.110 349	9.897 724		202			
		10		16			6				
799	9.787 385		9.889 667		0.110 333	9.897 718		201			
		10		15			6				
.800	9.787 395		9.889 682		0.110 318	9.897 712		**.200**			
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.		

52°.250 — 52°.200

37°.800 — 37°.850

37°	sin	d	tang	d	cotg	cos	d		P.P.		
.800	9.787 395		9.889 682		0.110 318	9.897 712		**.200**			
		9		16			6				
801	9.787 404		9.889 698		0.110 302	9.897 706		199			
		10		16			5				
802	9.787 414		9.889 714		0.110 286	9.897 701		198			
		10		15			6				
803	9.787 424		9.889 729		0.110 271	9.897 695		197			
		10		16			6				
804	9.787 434		9.889 745		0.110 255	9.897 689		196			
		9		16			6				
805	9.787 443		9.889 761		0.110 239	9.897 683		195			
		10		15			6				
806	9.787 453		9.889 776		0.110 224	9.897 677		194			
		10		16			6				
807	9.787 463		9.889 792		0.110 208	9.897 671		193			
		10		16			6				
808	9.787 473		9.889 808		0.110 192	9.897 665		192			
		10		15			6				
809	9.787 483		9.889 823		0.110 177	9.897 659		191			
		9		16			6				
.810	9.787 492		9.889 839		0.110 161	9.897 653		**.190**			
		10		15			5				
811	9.787 502		9.889 854		0.110 146	9.897 648		189			
		10		16			6				
812	9.787 512		9.889 870		0.110 130	9.897 642		188			
		10		16			6				
813	9.787 522		9.889 886		0.110 114	9.897 636		187			
		9		15			6				
814	9.787 531		9.889 901		0.110 099	9.897 630		186			
		10		16			6				
815	9.787 541		9.889 917		0.110 083	9.897 624		185			
		10		16			6				
816	9.787 551		9.889 933		0.110 067	9.897 618		184			
		10		15			6				
817	9.787 561		9.889 948		0.110 052	9.897 612		183			
		9		16			6				
818	9.787 570		9.889 964		0.110 036	9.897 606		182			
		10		16			5				
819	9.787 580		9.889 980		0.110 020	9.897 601		181			
		10		15			6				
.820	9.787 590		9.889 995		0.110 005	9.897 595		**.180**			
		10		16			6				
821	9.787 600		9.890 011		0.109 989	9.897 589		179			
		10		16			6				
822	9.787 610		9.890 027		0.109 973	9.897 583		178			
		9		15			6				
823	9.787 619		9.890 042		0.109 958	9.897 577		177			
		10		16			6				
824	9.787 629		9.890 058		0.109 942	9.897 571		176			
		10		16			6				
825	9.787 639		9.890 074		0.109 926	9.897 565		175			
		10		15			6				
826	9.787 649		9.890 089		0.109 911	9.897 559		174			
		9		16			6				
827	9.787 658		9.890 105		0.109 895	9.897 553		173			
		10		16			5				
828	9.787 668		9.890 121		0.109 879	9.897 548		172			
		10		15			6				
829	9.787 678		9.890 136		0.109 864	9.897 542		171			
		10		16			6				
.830	9.787 688		9.890 152		0.109 848	9.897 536		**.170**			
		9		15			6				
831	9.787 697		9.890 167		0.109 833	9.897 530		169			
		10		16			6				
832	9.787 707		9.890 183		0.109 817	9.897 524		168			
		10		16			6				
833	9.787 717		9.890 199		0.109 801	9.897 518		167			
		10		15			6				
834	9.787 727		9.890 214		0.109 786	9.897 512		166			
		9		16			6				
835	9.787 736		9.890 230		0.109 770	9.897 506		165			
		10		16			6				
836	9.787 746		9.890 246		0.109 754	9.897 500		164			
		10		15			5				
837	9.787 756		9.890 261		0.109 739	9.897 495		163			
		10		16			6				
838	9.787 766		9.890 277		0.109 723	9.897 489		162			
		9		16			6				
839	9.787 775		9.890 293		0.109 707	9.897 483		161			
		10		15			6				
.840	9.787 785		9.890 308		0.109 692	9.897 477		**.160**			
		10		16			6				
841	9.787 795		9.890 324		0.109 676	9.897 471		159			
		10		16			6				
842	9.787 805		9.890 340		0.109 660	9.897 465		158			
		9		15			6				
843	9.787 814		9.890 355		0.109 645	9.897 459		157			
		10		16			6				
844	9.787 824		9.890 371		0.109 629	9.897 453		156			
		10		15			5				
845	9.787 834		9.890 386		0.109 614	9.897 448		155			
		10		16			6				
846	9.787 844		9.890 402		0.109 598	9.897 442		154			
		10		16			6				
847	9.787 854		9.890 418		0.109 582	9.897 436		153			
		9		15			6				
848	9.787 863		9.890 433		0.109 567	9.897 430		152			
		10		16			6				
849	9.787 873		9.890 449		0.109 551	9.897 424		151			
		10		16			6				
.850	9.787 883		9.890 465		0.109 535	9.897 418		**.150**			
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.		

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.200 — 52°.150

37°.850 — 37°.900

37°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.787 883		9.890 465		0.109 535	9.897 418		**.150**	
		10		15			6		
851	9.787 893		9.890 480		0.109 520	9.897 412		149	
		9		16			6		
852	9.787 902		9.890 496		0.109 504	9.897 406		148	
		10		16			6		
853	9.787 912		9.890 512		0.109 488	9.897 400		147	
		10		15			6		
854	9.787 922		9.890 527		0.109 473	9.897 394		146	
		10		16			5		
855	9.787 932		9.890 543		0.109 457	9.897 389		145	
		9		16			6		
856	9.787 941		9.890 559		0.109 441	9.897 383		144	
		10		15			6		
857	9.787 951		9.890 574		0.109 426	9.897 377		143	
		10		16			6		
858	9.787 961		9.890 590		0.109 410	9.897 371		142	
		10		16			6		
859	9.787 971		9.890 606		0.109 394	9.897 365		141	
		9		15			6		
.860	9.787 980		9.890 621		0.109 379	9.897 359		**.140**	
		10		16			6		
861	9.787 990		9.890 637		0.109 363	9.897 353		139	
		10		15			6		
862	9.788 000		9.890 652		0.109 348	9.897 347		138	
		10		16			6		
863	9.788 010		9.890 668		0.109 332	9.897 341		137	
		9		16			5		
864	9.788 019		9.890 684		0.109 316	9.897 336		136	
		10		15			6		
865	9.788 029		9.890 699		0.109 301	9.897 330		135	
		10		16			6		
866	9.788 039		9.890 715		0.109 285	9.897 324		134	
		10		16			6		
867	9.788 049		9.890 731		0.109 269	9.897 318		133	
		9		15			6		
868	9.788 058		9.890 746		0.109 254	9.897 312		132	
		10		16			6		
869	9.788 068		9.890 762		0.109 238	9.897 306		131	
		10		16			6		
.870	9.788 078		9.890 778		0.109 222	9.897 300		**.130**	
		10		15			6		
871	9.788 088		9.890 793		0.109 207	9.897 294		129	
		9		16			6		
872	9.788 097		9.890 809		0.109 191	9.897 288		128	
		10		16			5		
873	9.788 107		9.890 825		0.109 175	9.897 283		127	
		10		15			6		
874	9.788 117		9.890 840		0.109 160	9.897 277		126	
		10		16			6		
875	9.788 127		9.890 856		0.109 144	9.897 271		125	
		9		15			6		
876	9.788 136		9.890 871		0.109 129	9.897 265		124	
		10		16			6		
877	9.788 146		9.890 887		0.109 113	9.897 259		123	
		10		16			6		
878	9.788 156		9.890 903		0.109 097	9.897 253		122	
		10		15			6		
879	9.788 166		9.890 918		0.109 082	9.897 247		121	
		9		16			6		
.880	9.788 175		9.890 934		0.109 066	9.897 241		**.120**	
		10		16			6		
881	9.788 185		9.890 950		0.109 050	9.897 235		119	
		10		15			6		
882	9.788 195		9.890 965		0.109 035	9.897 229		118	
		9		16			5		
883	9.788 204		9.890 981		0.109 019	9.897 224		117	
		10		16			6		
884	9.788 214		9.890 997		0.109 003	9.897 218		116	
		10		15			6		
885	9.788 224		9.891 012		0.108 988	9.897 212		115	
		10		16			6		
886	9.788 234		9.891 028		0.108 972	9.897 206		114	
		9		15			6		
887	9.788 243		9.891 043		0.108 957	9.897 200		113	
		10		16			6		
888	9.788 253		9.891 059		0.108 941	9.897 194		112	
		10		16			6		
889	9.788 263		9.891 075		0.108 925	9.897 188		111	
		10		15			6		
.890	9.788 273		9.891 090		0.108 910	9.897 182		**.110**	
		9		16			6		
891	9.788 282		9.891 106		0.108 894	9.897 176		109	
		10		16			6		
892	9.788 292		9.891 122		0.108 878	9.897 170		108	
		10		15			5		
893	9.788 302		9.891 137		0.108 863	9.897 165		107	
		10		16			6		
894	9.788 312		9.891 153		0.108 847	9.897 159		106	
		9		16			6		
895	9.788 321		9.891 169		0.108 831	9.897 153		105	
		10		15			6		
896	9.788 331		9.891 184		0.108 816	9.897 147		104	
		10		16			6		
897	9.788 341		9.891 200		0.108 800	9.897 141		103	
		10		15			6		
898	9.788 351		9.891 215		0.108 785	9.897 135		102	
		9		16			6		
899	9.788 360		9.891 231		0.108 769	9.897 129		101	
		10		16			6		
.900	9.788 370		9.891 247		0.108 753	9.897 123		**.100**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.150 — 52°.100

37°.900 — 37°.950

37°	sin	d	tang	d	cotg	cos	d		P.P.		
.900	9.788 370		9.891 247		0.108 753	9.897 123		**.100**			
		10		15			6				
901	9.788 380		9.891 262		0.108 738	9.897 117		099			
902	9.788 390	10	9.891 278	16	0.108 722	9.897 111	6	098			
903	9.788 399	9	9.891 294	16	0.108 706	9.897 106	5	097			
		10		15			6				
904	9.788 409		9.891 309		0.108 691	9.897 100		096			
905	9.788 419	10	9.891 325	16	0.108 675	9.897 094	6	095			
906	9.788 428	9	9.891 341	16	0.108 659	9.897 088	6	094			
		10		15			6				
907	9.788 438		9.891 356		0.108 644	9.897 082		093			
908	9.788 448	10	9.891 372	16	0.108 628	9.897 076	6	092			
909	9.788 458	10	9.891 388	16	0.108 612	9.897 070	6	091			
		9		15			6				
.910	9.788 467		9.891 403		0.108 597	9.897 064		**.090**			
		10		16			6				
911	9.788 477		9.891 419		0.108 581	9.897 058		089			
912	9.788 487	10	9.891 434	15	0.108 566	9.897 052	6	088			
913	9.788 497	10	9.891 450	16	0.108 550	9.897 047	5	087			
		9		16			6				
914	9.788 506		9.891 466		0.108 534	9.897 041		086			
915	9.788 516	10	9.891 481	15	0.108 519	9.897 035	6	085			
916	9.788 526	10	9.891 497	16	0.108 503	9.897 029	6	084			
		10		16			6				
917	9.788 536		9.891 513		0.108 487	9.897 023		083			
918	9.788 545	9	9.891 528	15	0.108 472	9.897 017	6	082			
919	9.788 555	10	9.891 544	16	0.108 456	9.897 011	6	081			
		10		15			6				
.920	9.788 565		9.891 559		0.108 441	9.897 005		**.080**			
		9		16			6				
921	9.788 574		9.891 575		0.108 425	9.896 999		079			
922	9.788 584	10	9.891 591	16	0.108 409	9.896 993	6	078			
923	9.788 594	10	9.891 606	15	0.108 394	9.896 988	5	077			
		10		16			6				
924	9.788 604		9.891 622		0.108 378	9.896 982		076			
925	9.788 613	9	9.891 638	16	0.108 362	9.896 976	6	075			
926	9.788 623	10	9.891 653	15	0.108 347	9.896 970	6	074			
		10		16			6				
927	9.788 633		9.891 669		0.108 331	9.896 964		073			
928	9.788 643	10	9.891 685	16	0.108 315	9.896 958	6	072			
929	9.788 652	9	9.891 700	15	0.108 300	9.896 952	6	071			
		10		16			6				
.930	9.788 662		9.891 716		0.108 284	9.896 946		**.070**			
		10		15			6				
931	9.788 672		9.891 731		0.108 269	9.896 940		069			
932	9.788 681	9	9.891 747	16	0.108 253	9.896 934	6	068			
933	9.788 691	10	9.891 763	16	0.108 237	9.896 928	6	067			
		10		15			5				
934	9.788 701		9.891 778		0.108 222	9.896 923		066			
935	9.788 711	10	9.891 794	16	0.108 206	9.896 917	6	065			
936	9.788 720	9	9.891 810	16	0.108 190	9.896 911	6	064			
		10		15			6				
937	9.788 730		9.891 825		0.108 175	9.896 905		063			
938	9.788 740	10	9.891 841	16	0.108 159	9.896 899	6	062			
939	9.788 750	10	9.891 857	16	0.108 143	9.896 893	6	061			
		9		15			6				
.940	9.788 759		9.891 872		0.108 128	9.896 887		**.060**			
		10		16			6				
941	9.788 769		9.891 888		0.108 112	9.896 881		059			
942	9.788 779	10	9.891 903	15	0.108 097	9.896 875	6	058			
943	9.788 788	9	9.891 919	16	0.108 081	9.896 869	6	057			
		10		16			6				
944	9.788 798		9.891 935		0.108 065	9.896 863		056			
945	9.788 808	10	9.891 950	15	0.108 050	9.896 858	5	055			
946	9.788 818	10	9.891 966	16	0.108 034	9.896 852	6	054			
		9		16			6				
947	9.788 827		9.891 982		0.108 018	9.896 846		053			
948	9.788 837	10	9.891 997	15	0.108 003	9.896 840	6	052			
949	9.788 847	10	9.892 013	16	0.107 987	9.896 834	6	051			
		9		15			6				
.950	9.788 856		9.892 028		0.107 972	9.896 828		**.050**			
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.		

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.100 — 52°.050

37°.950 — 38°.000

37°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.788 856		9.892 028		0.107 972	9.896 828		**.050**	
		10		16			6		
951	9.788 866		9.892 044		0.107 956	9.896 822		049	
952	9.788 876	10	9.892 060	16	0.107 940	9.896 816	6	048	
953	9.788 886	10	9.892 075	15	0.107 925	9.896 810	6	047	
		9		16			6		
954	9.788 895		9.892 091		0.107 909	9.896 804		046	
955	9.788 905	10	9.892 107	16	0.107 893	9.896 798	6	045	
956	9.788 915	10	9.892 122	15	0.107 878	9.896 793	5	044	
		9		16			6		
957	9.788 924		9.892 138		0.107 862	9.896 787		043	
958	9.788 934	10	9.892 154	16	0.107 846	9.896 781	6	042	
959	9.788 944	10	9.892 169	15	0.107 831	9.896 775	6	041	
		10		16			6		
.960	9.788 954		9.892 185		0.107 815	9.896 769		**.040**	
		9		15			6		
961	9.788 963		9.892 200		0.107 800	9.896 763		039	
962	9.788 973	10	9.892 216	16	0.107 784	9.896 757	6	038	
963	9.788 983	10	9.892 232	16	0.107 768	9.896 751	6	037	
		9		15			6		
964	9.788 992		9.892 247		0.107 753	9.896 745		036	
965	9.789 002	10	9.892 263	16	0.107 737	9.896 739	6	035	
966	9.789 012	10	9.892 279	16	0.107 721	9.896 733	6	034	
		10		15			6		
967	9.789 022		9.892 294		0.107 706	9.896 727		033	
968	9.789 031	9	9.892 310	16	0.107 690	9.896 722	5	032	
969	9.789 041	10	9.892 325	15	0.107 675	9.896 716	6	031	
		10		16			6		
.970	9.789 051		9.892 341		0.107 659	9.896 710		**.030**	
		9		16			6		
971	9.789 060		9.892 357		0.107 643	9.896 704		029	
972	9.789 070	10	9.892 372	15	0.107 628	9.896 698	6	028	
973	9.789 080	10	9.892 388	16	0.107 612	9.896 692	6	027	
		10		16			6		
974	9.789 090		9.892 404		0.107 596	9.896 686		026	
975	9.789 099	9	9.892 419	15	0.107 581	9.896 680	6	025	
976	9.789 109	10	9.892 435	16	0.107 565	9.896 674	6	024	
		10		15			6		
977	9.789 119		9.892 450		0.107 550	9.896 668		023	
978	9.789 128	9	9.892 466	16	0.107 534	9.896 662	6	022	
979	9.789 138	10	9.892 482	16	0.107 518	9.896 656	6	021	
		10		15			5		
.980	9.789 148		9.892 497		0.107 503	9.896 651		**.020**	
		10		16			6		
981	9.789 158		9.892 513		0.107 487	9.896 645		019	
982	9.789 167	9	9.892 529	16	0.107 471	9.896 639	6	018	
983	9.789 177	10	9.892 544	15	0.107 456	9.896 633	6	017	
		10		16			6		
984	9.789 187		9.892 560		0.107 440	9.896 627		016	
985	9.789 196	9	9.892 575	15	0.107 425	9.896 621	6	015	
986	9.789 206	10	9.892 591	16	0.107 409	9.896 615	6	014	
		10		16			6		
987	9.789 216		9.892 607		0.107 393	9.896 609		013	
988	9.789 226	10	9.892 622	15	0.107 378	9.896 603	6	012	
989	9.789 235	9	9.892 638	16	0.107 362	9.896 597	6	011	
		10		16			6		
.990	9.789 245		9.892 654		0.107 346	9.896 591		**.010**	
		10		15			6		
991	9.789 255		9.892 669		0.107 331	9.896 585		009	
992	9.789 264	9	9.892 685	16	0.107 315	9.896 580	5	008	
993	9.789 274	10	9.892 700	15	0.107 300	9.896 574	6	007	
		10		16			6		
994	9.789 284		9.892 716		0.107 284	9.896 568		006	
995	9.789 293	9	9.892 732	16	0.107 268	9.896 562	6	005	
996	9.789 303	10	9.892 747	15	0.107 253	9.896 556	6	004	
		10		16			6		
997	9.789 313		9.892 763		0.107 237	9.896 550		003	
998	9.789 323	10	9.892 779	16	0.107 221	9.896 544	6	002	
999	9.789 332	9	9.892 794	15	0.107 206	9.896 538	6	001	
		10		16			6		
***000**	9.789 342		9.892 810		0.107 190	9.896 532		**.000**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.050 — 52°.000

38°.000 — 38°.050

38°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.789 342		9.892 810		0.107 190	9.896 532		*000	
		10		15			6		
001	9.789 352		9.892 825		0.107 175	9.896 526		999	
002	9.789 361	9	9.892 841	16	0.107 159	9.896 520	6	998	
003	9.789 371	10	9.892 857	16	0.107 143	9.896 514	6	997	
		10		15			6		
004	9.789 381		9.892 872		0.107 128	9.896 508		996	
005	9.789 390	9	9.892 888	16	0.107 112	9.896 503	5	995	
006	9.789 400	10	9.892 904	16	0.107 096	9.896 497	6	994	
		10		15			6		
007	9.789 410		9.892 919		0.107 081	9.896 491		993	
008	9.789 420	10	9.892 935	16	0.107 065	9.896 485	6	992	
009	9.789 429	9	9.892 950	15	0.107 050	9.896 479	6	991	
		10		16			6		
.010	9.789 439		9.892 966		0.107 034	9.896 473		.990	
		10		16			6		
011	9.789 449		9.892 982		0.107 018	9.896 467		989	
012	9.789 458	9	9.892 997	15	0.107 003	9.896 461	6	988	
013	9.789 468	10	9.893 013	16	0.106 987	9.896 455	6	987	
		10		16			6		
014	9.789 478		9.893 029		0.106 971	9.896 449		986	
015	9.789 487	9	9.893 044	15	0.106 956	9.896 443	6	985	
016	9.789 497	10	9.893 060	16	0.106 940	9.896 437	6	984	
		10		15			6		
017	9.789 507		9.893 075		0.106 925	9.896 431		983	
018	9.789 517	10	9.893 091	16	0.106 909	9.896 426	5	982	
019	9.789 526	9	9.893 107	16	0.106 893	9.896 420	6	981	
		10		15			6		
.020	9.789 536		9.893 122		0.106 878	9.896 414		.980	
		10		16			6		
021	9.789 546		9.893 138		0.106 862	9.896 408		979	
022	9.789 555	9	9.893 154	16	0.106 846	9.896 402	6	978	
023	9.789 565	10	9.893 169	15	0.106 831	9.896 396	6	977	
		10		16			6		
024	9.789 575		9.893 185		0.106 815	9.896 390		976	
025	9.789 584	9	9.893 200	15	0.106 800	9.896 384	6	975	
026	9.789 594	10	9.893 216	16	0.106 784	9.896 378	6	974	
		10		16			6		
027	9.789 604		9.893 232		0.106 768	9.896 372		973	
028	9.789 613	9	9.893 247	15	0.106 753	9.896 366	6	972	
029	9.789 623	10	9.893 263	16	0.106 737	9.896 360	6	971	
		10		15			6		
.030	9.789 633		9.893 278		0.106 722	9.896 354		.970	
		10		16			6		
031	9.789 643		9.893 294		0.106 706	9.896 348		969	
032	9.789 652	9	9.893 310	16	0.106 690	9.896 343	5	968	
033	9.789 662	10	9.893 325	15	0.106 675	9.896 337	6	967	
		10		16			6		
034	9.789 672		9.893 341		0.106 659	9.896 331		966	
035	9.789 681	9	9.893 357	16	0.106 643	9.896 325	6	965	
036	9.789 691	10	9.893 372	15	0.106 628	9.896 319	6	964	
		10		16			6		
037	9.789 701		9.893 388		0.106 612	9.896 313		963	
038	9.789 710	9	9.893 403	15	0.106 597	9.896 307	6	962	
039	9.789 720	10	9.893 419	16	0.106 581	9.896 301	6	961	
		10		16			6		
.040	9.789 730		9.893 435		0.106 565	9.896 295		.960	
		9		15			6		
041	9.789 739		9.893 450		0.106 550	9.896 289		959	
042	9.789 749	10	9.893 466	16	0.106 534	9.896 283	6	958	
043	9.789 759	10	9.893 482	16	0.106 518	9.896 277	6	957	
		10		15			6		
044	9.789 769		9.893 497		0.106 503	9.896 271		956	
045	9.789 778	9	9.893 513	16	0.106 487	9.896 265	6	955	
046	9.789 788	10	9.893 528	15	0.106 472	9.896 260	5	954	
		10		16			6		
047	9.789 798		9.893 544		0.106 456	9.896 254		953	
048	9.789 807	9	9.893 560	16	0.106 440	9.896 248	6	952	
049	9.789 817	10	9.893 575	15	0.106 425	9.896 242	6	951	
		10		16			6		
.050	9.789 827		9.893 591		0.106 409	9.896 236		.950	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.000 — 51°.950

38°.050 — 38°.100

38°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.789 827		9.893 591		0.106 409	9.896 236		.950	
		9		15			6		
051	9.789 836		9.893 606		0.106 394	9.896 230		949	
052	9.789 846	10	9.893 622	16	0.106 378	9.896 224	6	948	
053	9.789 856	10	9.893 638	16	0.106 362	9.896 218	6	947	
		9		15			6		
054	9.789 865		9.893 653		0.106 347	9.896 212		946	
055	9.789 875	10	9.893 669	16	0.106 331	9.896 206	6	945	
056	9.789 885	10	9.893 685	16	0.106 315	9.896 200	6	944	
		9		15			6		
057	9.789 894		9.893 700		0.106 300	9.896 194		943	
058	9.789 904	10	9.893 716	16	0.106 284	9.896 188	6	942	
059	9.789 914	10	9.893 731	15	0.106 269	9.896 182	6	941	
		9		16			6		
.060	9.789 923		9.893 747		0.106 253	9.896 176		.940	
		10		16			5		
061	9.789 933		9.893 763		0.106 237	9.896 171		939	
062	9.789 943	10	9.893 778	15	0.106 222	9.896 165	6	938	
063	9.789 952	9	9.893 794	16	0.106 206	9.896 159	6	937	
		10		15			6		
064	9.789 962		9.893 809		0.106 191	9.896 153		936	
065	9.789 972	10	9.893 825	16	0.106 175	9.896 147	6	935	
066	9.789 982	10	9.893 841	16	0.106 159	9.896 141	6	934	
		9		15			6		
067	9.789 991		9.893 856		0.106 144	9.896 135		933	
068	9.790 001	10	9.893 872	16	0.106 128	9.896 129	6	932	
069	9.790 011	10	9.893 888	16	0.106 112	9.896 123	6	931	
		9		15			6		
.070	9.790 020		9.893 903		0.106 097	9.896 117		.930	
		10		16			6		
071	9.790 030		9.893 919		0.106 081	9.896 111		929	
072	9.790 040	10	9.893 934	15	0.106 066	9.896 105	6	928	
073	9.790 049	9	9.893 950	16	0.106 050	9.896 099	6	927	
		10		16			6		
074	9.790 059		9.893 966		0.106 034	9.896 093		926	
075	9.790 069	10	9.893 981	15	0.106 019	9.896 087	6	925	
076	9.790 078	9	9.893 997	16	0.106 003	9.896 081	6	924	
		10		15			5		
077	9.790 088		9.894 012		0.105 988	9.896 076		923	
078	9.790 098	10	9.894 028	16	0.105 972	9.896 070	6	922	
079	9.790 107	9	9.894 044	16	0.105 956	9.896 064	6	921	
		10		15			6		
.080	9.790 117		9.894 059		0.105 941	9.896 058		.920	
		10		16			6		
081	9.790 127		9.894 075		0.105 925	9.896 052		919	
082	9.790 136	9	9.894 091	16	0.105 909	9.896 046	6	918	
083	9.790 146	10	9.894 106	15	0.105 894	9.896 040	6	917	
		10		16			6		
084	9.790 156		9.894 122		0.105 878	9.896 034		916	
085	9.790 165	9	9.894 137	15	0.105 863	9.896 028	6	915	
086	9.790 175	10	9.894 153	16	0.105 847	9.896 022	6	914	
		10		16			6		
087	9.790 185		9.894 169		0.105 831	9.896 016		913	
088	9.790 194	9	9.894 184	15	0.105 816	9.896 010	6	912	
089	9.790 204	10	9.894 200	16	0.105 800	9.896 004	6	911	
		10		15			6		
.090	9.790 214		9.894 215		0.105 785	9.895 998		.910	
		9		16			6		
091	9.790 223		9.894 231		0.105 769	9.895 992		909	
092	9.790 233	10	9.894 247	16	0.105 753	9.895 986	6	908	
093	9.790 243	10	9.894 262	15	0.105 738	9.895 980	6	907	
		9		16			5		
094	9.790 252		9.894 278		0.105 722	9.895 975		906	
095	9.790 262	10	9.894 293	15	0.105 707	9.895 969	6	905	
096	9.790 272	10	9.894 309	16	0.105 691	9.895 963	6	904	
		9		16			6		
097	9.790 281		9.894 325		0.105 675	9.895 957		903	
098	9.790 291	10	9.894 340	15	0.105 660	9.895 951	6	902	
099	9.790 301	10	9.894 356	16	0.105 644	9.895 945	6	901	
		9		16			6		
.100	9.790 310		9.894 372		0.105 628	9.895 939		.900	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

51°.950 — 51°.900

38°.100 — 38°.150

38°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.790 310		9.894 372		0.105 628	9.895 939		.900	
		10		15			6		
101	9.790 320		9.894 387		0.105 613	9.895 933		899	
		10		16			6		
102	9.790 330		9.894 403		0.105 597	9.895 927		898	
		9		15			6		
103	9.790 339		9.894 418		0.105 582	9.895 921		897	
		10		16			6		
104	9.790 349		9.894 434		0.105 566	9.895 915		896	
		10		16			6		
105	9.790 359		9.894 450		0.105 550	9.895 909		895	
		9		15			6		
106	9.790 368		9.894 465		0.105 535	9.895 903		894	
		10		16			6		
107	9.790 378		9.894 481		0.105 519	9.895 897		893	
		10		15			6		
108	9.790 388		9.894 496		0.105 504	9.895 891		892	
		9		16			6		
109	9.790 397		9.894 512		0.105 488	9.895 885		891	
		10		16			6		
.110	9.790 407		9.894 528		0.105 472	9.895 879		.890	
		10		15			6		
111	9.790 417		9.894 543		0.105 457	9.895 873		889	
		9		16			5		
112	9.790 426		9.894 559		0.105 441	9.895 868		888	
		10		15			6		
113	9.790 436		9.894 574		0.105 426	9.895 862		887	
		10		16			6		
114	9.790 446		9.894 590		0.105 410	9.895 856		886	
		9		16			6		
115	9.790 455		9.894 606		0.105 394	9.895 850		885	
		10		15			6		
116	9.790 465		9.894 621		0.105 379	9.895 844		884	
		10		16			6		
117	9.790 475		9.894 637		0.105 363	9.895 838		883	
		9		16			6		
118	9.790 484		9.894 653		0.105 347	9.895 832		882	
		10		15			6		
119	9.790 494		9.894 668		0.105 332	9.895 826		881	
		10		16			6		
.120	9.790 504		9.894 684		0.105 316	9.895 820		.880	
		9		15			6		
121	9.790 513		9.894 699		0.105 301	9.895 814		879	
		10		16			6		
122	9.790 523		9.894 715		0.105 285	9.895 808		878	
		10		16			6		
123	9.790 533		9.894 731		0.105 269	9.895 802		877	
		9		15			6		
124	9.790 542		9.894 746		0.105 254	9.895 796		876	
		10		16			6		
125	9.790 552		9.894 762		0.105 238	9.895 790		875	
		10		15			6		
126	9.790 562		9.894 777		0.105 223	9.895 784		874	
		9		16			6		
127	9.790 571		9.894 793		0.105 207	9.895 778		873	
		10		16			6		
128	9.790 581		9.894 809		0.105 191	9.895 772		872	
		10		15			6		
129	9.790 591		9.894 824		0.105 176	9.895 766		871	
		9		16			6		
.130	9.790 600		9.894 840		0.105 160	9.895 760		.870	
		10		15			5		
131	9.790 610		9.894 855		0.105 145	9.895 755		869	
		10		16			6		
132	9.790 620		9.894 871		0.105 129	9.895 749		868	
		9		16			6		
133	9.790 629		9.894 887		0.105 113	9.895 743		867	
		10		15			6		
134	9.790 639		9.894 902		0.105 098	9.895 737		866	
		10		16			6		
135	9.790 649		9.894 918		0.105 082	9.895 731		865	
		9		15			6		
136	9.790 658		9.894 933		0.105 067	9.895 725		864	
		10		16			6		
137	9.790 668		9.894 949		0.105 051	9.895 719		863	
		10		16			6		
138	9.790 678		9.894 965		0.105 035	9.895 713		862	
		9		15			6		
139	9.790 687		9.894 980		0.105 020	9.895 707		861	
		10		16			6		
.140	9.790 697		9.894 996		0.105 004	9.895 701		.860	
		9		15			6		
141	9.790 706		9.895 011		0.104 989	9.895 695		859	
		10		16			6		
142	9.790 716		9.895 027		0.104 973	9.895 689		858	
		10		16			6		
143	9.790 726		9.895 043		0.104 957	9.895 683		857	
		9		15			6		
144	9.790 735		9.895 058		0.104 942	9.895 677		856	
		10		16			6		
145	9.790 745		9.895 074		0.104 926	9.895 671		855	
		10		15			6		
146	9.790 755		9.895 089		0.104 911	9.895 665		854	
		9		16			6		
147	9.790 764		9.895 105		0.104 895	9.895 659		853	
		10		16			6		
148	9.790 774		9.895 121		0.104 879	9.895 653		852	
		10		15			6		
149	9.790 784		9.895 136		0.104 864	9.895 647		851	
		9		16			6		
.150	9.790 793		9.895 152		0.104 848	9.895 641		.850	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

51°.900 — 51°.850

38°.150 — 38°.200

38°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.790 793		9.895 152		0.104 848	9.895 641		.850	
		10		15			6		
151	9.790 803		9.895 167		0.104 833	9.895 635		849	
152	9.790 813	10	9.895 183	16	0.104 817	9.895 630	5	848	
153	9.790 822	9	9.895 199	16	0.104 801	9.895 624	6	847	
		10		15			6		
154	9.790 832		9.895 214		0.104 786	9.895 618		846	
155	9.790 842	10	9.895 230	16	0.104 770	9.895 612	6	845	
156	9.790 851	9	9.895 246	16	0.104 754	9.895 606	6	844	
		10		15			6		
157	9.790 861		9.895 261		0.104 739	9.895 600		843	
158	9.790 871	10	9.895 277	16	0.104 723	9.895 594	6	842	
159	9.790 880	9	9.895 292	15	0.104 708	9.895 588	6	841	
		10		16			6		
.160	9.790 890		9.895 308		0.104 692	9.895 582		.840	
		9		16			6		
161	9.790 899		9.895 324		0.104 676	9.895 576		839	
162	9.790 909	10	9.895 339	15	0.104 661	9.895 570	6	838	
163	9.790 919	10	9.895 355	16	0.104 645	9.895 564	6	837	
		9		15			6		
164	9.790 928		9.895 370		0.104 630	9.895 558		836	
165	9.790 938	10	9.895 386	16	0.104 614	9.895 552	6	835	
166	9.790 948	10	9.895 402	16	0.104 598	9.895 546	6	834	
		9		15			6		
167	9.790 957		9.895 417		0.104 583	9.895 540		833	
168	9.790 967	10	9.895 433	16	0.104 567	9.895 534	6	832	
169	9.790 977	10	9.895 448	15	0.104 552	9.895 528	6	831	
		9		16			6		
.170	9.790 986		9.895 464		0.104 536	9.895 522		.830	
		10		16			6		
171	9.790 996		9.895 480		0.104 520	9.895 516		829	
172	9.791 006	10	9.895 495	15	0.104 505	9.895 510	6	828	
173	9.791 015	9	9.895 511	16	0.104 489	9.895 504	6	827	
		10		15			6		
174	9.791 025		9.895 526		0.104 474	9.895 498		826	
175	9.791 034	9	9.895 542	16	0.104 458	9.895 493	5	825	
176	9.791 044	10	9.895 558	16	0.104 442	9.895 487	6	824	
		10		15			6		
177	9.791 054		9.895 573		0.104 427	9.895 481		823	
178	9.791 063	9	9.895 589	16	0.104 411	9.895 475	6	822	
179	9.791 073	10	9.895 604	15	0.104 396	9.895 469	6	821	
		10		16			6		
.180	9.791 083		9.895 620		0.104 380	9.895 463		.820	
		9		16			6		
181	9.791 092		9.895 636		0.104 364	9.895 457		819	
182	9.791 102	10	9.895 651	15	0.104 349	9.895 451	6	818	
183	9.791 112	10	9.895 667	16	0.104 333	9.895 445	6	817	
		9		15			6		
184	9.791 121		9.895 682		0.104 318	9.895 439		816	
185	9.791 131	10	9.895 698	16	0.104 302	9.895 433	6	815	
186	9.791 140	9	9.895 714	16	0.104 286	9.895 427	6	814	
		10		15			6		
187	9.791 150		9.895 729		0.104 271	9.895 421		813	
188	9.791 160	10	9.895 745	16	0.104 255	9.895 415	6	812	
189	9.791 169	9	9.895 760	15	0.104 240	9.895 409	6	811	
		10		16			6		
.190	9.791 179		9.895 776		0.104 224	9.895 403		.810	
		10		16			6		
191	9.791 189		9.895 792		0.104 208	9.895 397		809	
192	9.791 198	9	9.895 807	15	0.104 193	9.895 391	6	808	
193	9.791 208	10	9.895 823	16	0.104 177	9.895 385	6	807	
		10		15			6		
194	9.791 218		9.895 838		0.104 162	9.895 379		806	
195	9.791 227	9	9.895 854	16	0.104 146	9.895 373	6	805	
196	9.791 237	10	9.895 870	16	0.104 130	9.895 367	6	804	
		9		15			6		
197	9.791 246		9.895 885		0.104 115	9.895 361		803	
198	9.791 256	10	9.895 901	16	0.104 099	9.895 355	6	802	
199	9.791 266	10	9.895 916	15	0.104 084	9.895 349	6	801	
		9		16			6		
.200	9.791 275		9.895 932		0.104 068	9.895 343		.800	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

51°.850 — 51°.800

38°.200 — 38°.250

38°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.791 275		9.895 932		0.104 068	9.895 343		**.800**	
		10		16			5		
201	9.791 285		9.895 948		0.104 052	9.895 338	6	799	
202	9.791 295	10	9.895 963	15	0.104 037	9.895 332	6	798	
203	9.791 304	9	9.895 979	16	0.104 021	9.895 326	6	797	
		10		15			6		
204	9.791 314		9.895 994	16	0.104 006	9.895 320	6	796	
205	9.791 324	10	9.896 010	15	0.103 990	9.895 314	6	795	
206	9.791 333	9	9.896 025	16	0.103 975	9.895 308	6	794	
		10		16			6		
207	9.791 343		9.896 041	16	0.103 959	9.895 302	6	793	
208	9.791 352	9	9.896 057	15	0.103 943	9.895 296	6	792	
209	9.791 362	10	9.896 072	16	0.103 928	9.895 290	6	791	
		10		15			6		
.210	9.791 372		9.896 088		0.103 912	9.895 284	6	**.790**	
		9		16			6		
211	9.791 381		9.896 103	15	0.103 897	9.895 278	6	789	
212	9.791 391	10	9.896 119	16	0.103 881	9.895 272	6	788	
213	9.791 401	10	9.896 135	16	0.103 865	9.895 266	6	787	
		9		15			6		
214	9.791 410		9.896 150	16	0.103 850	9.895 260	6	786	
215	9.791 420	10	9.896 166	15	0.103 834	9.895 254	6	785	
216	9.791 429	9	9.896 181	16	0.103 819	9.895 248	6	784	
		10		16			6		
217	9.791 439		9.896 197	16	0.103 803	9.895 242	6	783	
218	9.791 449	10	9.896 213	15	0.103 787	9.895 236	6	782	
219	9.791 458	9	9.896 228	16	0.103 772	9.895 230	6	781	
		10		16			6		
.220	9.791 468		9.896 244		0.103 756	9.895 224	6	**.780**	
		10		15			6		
221	9.791 478		9.896 259	16	0.103 741	9.895 218	6	779	
222	9.791 487	9	9.896 275	16	0.103 725	9.895 212	6	778	
223	9.791 497	10	9.896 291	15	0.103 709	9.895 206	6	777	
		9		16			6		
224	9.791 506		9.896 306	16	0.103 694	9.895 200	6	776	
225	9.791 516	10	9.896 322	15	0.103 678	9.895 194	6	775	
226	9.791 526	10	9.896 337	16	0.103 663	9.895 188	6	774	
		9		16			6		
227	9.791 535		9.896 353	16	0.103 647	9.895 182	6	773	
228	9.791 545	10	9.896 369	15	0.103 631	9.895 176	6	772	
229	9.791 555	10	9.896 384	16	0.103 616	9.895 170	6	771	
		9		16			6		
.230	9.791 564		9.896 400		0.103 600	9.895 164	6	**.770**	
		10		15			6		
231	9.791 574		9.896 415	16	0.103 585	9.895 158	6	769	
232	9.791 583	9	9.896 431	16	0.103 569	9.895 152	6	768	
233	9.791 593	10	9.896 447	15	0.103 553	9.895 147	5	767	
		10		16			6		
234	9.791 603		9.896 462	16	0.103 538	9.895 141	6	766	
235	9.791 612	9	9.896 478	15	0.103 522	9.895 135	6	765	
236	9.791 622	10	9.896 493	16	0.103 507	9.895 129	6	764	
		10		16			6		
237	9.791 632		9.896 509	16	0.103 491	9.895 123	6	763	
238	9.791 641	9	9.896 525	15	0.103 475	9.895 117	6	762	
239	9.791 651	10	9.896 540	16	0.103 460	9.895 111	6	761	
		9		16			6		
.240	9.791 660		9.896 556		0.103 444	9.895 105	6	**.760**	
		10		15			6		
241	9.791 670		9.896 571	16	0.103 429	9.895 099	6	759	
242	9.791 680	10	9.896 587	15	0.103 413	9.895 093	6	758	
243	9.791 689	9	9.896 602	16	0.103 398	9.895 087	6	757	
		10		16			6		
244	9.791 699		9.896 618	16	0.103 382	9.895 081	6	756	
245	9.791 708	9	9.896 634	15	0.103 366	9.895 075	6	755	
246	9.791 718	10	9.896 649	16	0.103 351	9.895 069	6	754	
		10		16			6		
247	9.791 728		9.896 665	15	0.103 335	9.895 063	6	753	
248	9.791 737	9	9.896 680	16	0.103 320	9.895 057	6	752	
249	9.791 747	10	9.896 696	16	0.103 304	9.895 051	6	751	
		10		16			6		
.250	9.791 757		9.896 712		0.103 288	9.895 045		**.750**	
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

51°.800 — 51°.750

38°.250 — 38°.300

38°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.791 757		9.896 712		0.103 288	9.895 045		.750	
		9		15			6		
251	9.791 766		9.896 727		0.103 273	9.895 039		749	
		10		16			6		
252	9.791 776		9.896 743		0.103 257	9.895 033		748	
		9		15			6		
253	9.791 785		9.896 758		0.103 242	9.895 027		747	
		10		16			6		
254	9.791 795		9.896 774		0.103 226	9.895 021		746	
		10		16			6		
255	9.791 805		9.896 790		0.103 210	9.895 015		745	
		9		15			6		
256	9.791 814		9.896 805		0.103 195	9.895 009		744	
		10		16			6		
257	9.791 824		9.896 821		0.103 179	9.895 003		743	
		9		15			6		
258	9.791 833		9.896 836		0.103 164	9.894 997		742	
		10		16			6		
259	9.791 843		9.896 852		0.103 148	9.894 991		741	
		10		15			6		
.260	9.791 853		9.896 867		0.103 133	9.894 985		.740	
		9		16			6		
261	9.791 862		9.896 883		0.103 117	9.894 979		739	
		10		16			6		
262	9.791 872		9.896 899		0.103 101	9.894 973		738	
		10		15			6		
263	9.791 882		9.896 914		0.103 086	9.894 967		737	
		9		16			6		
264	9.791 891		9.896 930		0.103 070	9.894 961		736	
		10		15			6		
265	9.791 901		9.896 945		0.103 055	9.894 955		735	
		9		16			6		
266	9.791 910		9.896 961		0.103 039	9.894 949		734	
		10		16			6		
267	9.791 920		9.896 977		0.103 023	9.894 943		733	
		10		15			6		
268	9.791 930		9.896 992		0.103 008	9.894 937		732	
		9		16			6		
269	9.791 939		9.897 008		0.102 992	9.894 931		731	
		10		15			6		
.270	9.791 949		9.897 023		0.102 977	9.894 925		.730	
		9		16			6		
271	9.791 958		9.897 039		0.102 961	9.894 919		729	
		10		16			6		
272	9.791 968		9.897 055		0.102 945	9.894 913		728	
		10		15			6		
273	9.791 978		9.897 070		0.102 930	9.894 907		727	
		9		16			6		
274	9.791 987		9.897 086		0.102 914	9.894 901		726	
		10		15			5		
275	9.791 997		9.897 101		0.102 899	9.894 896		725	
		9		16			6		
276	9.792 006		9.897 117		0.102 883	9.894 890		724	
		10		15			6		
277	9.792 016		9.897 132		0.102 868	9.894 884		723	
		10		16			6		
278	9.792 026		9.897 148		0.102 852	9.894 878		722	
		9		16			6		
279	9.792 035		9.897 164		0.102 836	9.894 872		721	
		10		15			6		
.280	9.792 045		9.897 179		0.102 821	9.894 866		.720	
		9		16			6		
281	9.792 054		9.897 195		0.102 805	9.894 860		719	
		10		15			6		
282	9.792 064		9.897 210		0.102 790	9.894 854		718	
		10		16			6		
283	9.792 074		9.897 226		0.102 774	9.894 848		717	
		9		16			6		
284	9.792 083		9.897 242		0.102 758	9.894 842		716	
		10		15			6		
285	9.792 093		9.897 257		0.102 743	9.894 836		715	
		9		16			6		
286	9.792 102		9.897 273		0.102 727	9.894 830		714	
		10		15			6		
287	9.792 112		9.897 288		0.102 712	9.894 824		713	
		10		16			6		
288	9.792 122		9.897 304		0.102 696	9.894 818		712	
		9		16			6		
289	9.792 131		9.897 320		0.102 680	9.894 812		711	
		10		15			6		
.290	9.792 141		9.897 335		0.102 665	9.894 806		.710	
		9		16			6		
291	9.792 150		9.897 351		0.102 649	9.894 800		709	
		10		15			6		
292	9.792 160		9.897 366		0.102 634	9.894 794		708	
		10		16			6		
293	9.792 170		9.897 382		0.102 618	9.894 788		707	
		9		15			6		
294	9.792 179		9.897 397		0.102 603	9.894 782		706	
		10		16			6		
295	9.792 189		9.897 413		0.102 587	9.894 776		705	
		9		16			6		
296	9.792 198		9.897 429		0.102 571	9.894 770		704	
		10		15			6		
297	9.792 208		9.897 444		0.102 556	9.894 764		703	
		10		16			6		
298	9.792 218		9.897 460		0.102 540	9.894 758		702	
		9		15			6		
299	9.792 227		9.897 475		0.102 525	9.894 752		701	
		10		16			6		
.300	9.792 237		9.897 491		0.102 509	9.894 746		.700	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

51°.750 — 51°.700

38°.300 — 38°.350

38°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.792 237		9.897 491		0.102 509	9.894 746		.700	
		9		16			6		
301	9.792 246		9.897 507		0.102 493	9.894 740		699	
		10		15			6		
302	9.792 256		9.897 522		0.102 478	9.894 734		698	
		10		16			6		
303	9.792 266		9.897 538		0.102 462	9.894 728		697	
		9		15			6		
304	9.792 275		9.897 553		0.102 447	9.894 722		696	
		10		16			6		
305	9.792 285		9.897 569		0.102 431	9.894 716		695	
		9		15			6		
306	9.792 294		9.897 584		0.102 416	9.894 710		694	
		10		16			6		
307	9.792 304		9.897 600		0.102 400	9.894 704		693	
		10		16			6		
308	9.792 314		9.897 616		0.102 384	9.894 698		692	
		9		15			6		
309	9.792 323		9.897 631		0.102 369	9.894 692		691	
		10		16			6		
.310	9.792 333		9.897 647		0.102 353	9.894 686		.690	
		9		15			6		
311	9.792 342		9.897 662		0.102 338	9.894 680		689	
		10		16			6		
312	9.792 352		9.897 678		0.102 322	9.894 674		688	
		10		16			6		
313	9.792 362		9.897 694		0.102 306	9.894 668		687	
		9		15			6		
314	9.792 371		9.897 709		0.102 291	9.894 662		686	
		10		16			6		
315	9.792 381		9.897 725		0.102 275	9.894 656		685	
		9		15			6		
316	9.792 390		9.897 740		0.102 260	9.894 650		684	
		10		16			6		
317	9.792 400		9.897 756		0.102 244	9.894 644		683	
		10		15			6		
318	9.792 410		9.897 771		0.102 229	9.894 638		682	
		9		16			6		
319	9.792 419		9.897 787		0.102 213	9.894 632		681	
		10		16			6		
.320	9.792 429		9.897 803		0.102 197	9.894 626		.680	
		9		15			6		
321	9.792 438		9.897 818		0.102 182	9.894 620		679	
		10		16			6		
322	9.792 448		9.897 834		0.102 166	9.894 614		678	
		10		15			6		
323	9.792 458		9.897 849		0.102 151	9.894 608		677	
		9		16			6		
324	9.792 467		9.897 865		0.102 135	9.894 602		676	
		10		16			6		
325	9.792 477		9.897 881		0.102 119	9.894 596		675	
		9		15			6		
326	9.792 486		9.897 896		0.102 104	9.894 590		674	
		10		16			6		
327	9.792 496		9.897 912		0.102 088	9.894 584		673	
		9		15			6		
328	9.792 505		9.897 927		0.102 073	9.894 578		672	
		10		16			6		
329	9.792 515		9.897 943		0.102 057	9.894 572		671	
		10		15			6		
.330	9.792 525		9.897 958		0.102 042	9.894 566		.670	
		9		16			6		
331	9.792 534		9.897 974		0.102 026	9.894 560		669	
		10		16			6		
332	9.792 544		9.897 990		0.102 010	9.894 554		668	
		9		15			6		
333	9.792 553		9.898 005		0.101 995	9.894 548		667	
		10		16			6		
334	9.792 563		9.898 021		0.101 979	9.894 542		666	
		10		15			6		
335	9.792 573		9.898 036		0.101 964	9.894 536		665	
		9		16			6		
336	9.792 582		9.898 052		0.101 948	9.894 530		664	
		10		15			6		
337	9.792 592		9.898 067		0.101 933	9.894 524		663	
		9		16			6		
338	9.792 601		9.898 083		0.101 917	9.894 518		662	
		10		16			6		
339	9.792 611		9.898 099		0.101 901	9.894 512		661	
		10		15			6		
.340	9.792 621		9.898 114		0.101 886	9.894 506		.660	
		9		16			6		
341	9.792 630		9.898 130		0.101 870	9.894 500		659	
		10		15			6		
342	9.792 640		9.898 145		0.101 855	9.894 494		658	
		9		16			6		
343	9.792 649		9.898 161		0.101 839	9.894 488		657	
		10		16			6		
344	9.792 659		9.898 177		0.101 823	9.894 482		656	
		9		15			6		
345	9.792 668		9.898 192		0.101 808	9.894 476		655	
		10		16			6		
346	9.792 678		9.898 208		0.101 792	9.894 470		654	
		10		15			6		
347	9.792 688		9.898 223		0.101 777	9.894 464		653	
		9		16			6		
348	9.792 697		9.898 239		0.101 761	9.894 458		652	
		10		15			6		
349	9.792 707		9.898 254		0.101 746	9.894 452		651	
		9		16			6		
.350	9.792 716		9.898 270		0.101 730	9.894 446		.650	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

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1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6
1	0.6
2	1.2
3	1.8
4	2.4
5	3.0
6	3.6
7	4.2
8	4.8
9	5.4

51°.700 — 51°.650

38°.350 — 38°.400

38°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.792 716		9.898 270		0.101 730	9.894 446		.650	
		10		16			6		
351	9.792 726		9.898 286		0.101 714	9.894 440		649	
		9		15			6		
352	9.792 735		9.898 301		0.101 699	9.894 434		648	
		10		16			6		
353	9.792 745		9.898 317		0.101 683	9.894 428		647	
		10		15			6		
354	9.792 755		9.898 332		0.101 668	9.894 422		646	
		9		16			6		
355	9.792 764		9.898 348		0.101 652	9.894 416		645	
		10		15			6		
356	9.792 774		9.898 363		0.101 637	9.894 410		644	
		9		16			6		
357	9.792 783		9.898 379		0.101 621	9.894 404		643	
		10		16			6		
358	9.792 793		9.898 395		0.101 605	9.894 398		642	
		10		15			6		
359	9.792 803		9.898 410		0.101 590	9.894 392		641	
		9		16			6		
.360	9.792 812		9.898 426		0.101 574	9.894 386		.640	
		10		15			6		
361	9.792 822		9.898 441		0.101 559	9.894 380		639	
		9		16			6		
362	9.792 831		9.898 457		0.101 543	9.894 374		638	
		10		15			6		
363	9.792 841		9.898 472		0.101 528	9.894 368		637	
		9		16			6		
364	9.792 850		9.898 488		0.101 512	9.894 362		636	
		10		16			6		
365	9.792 860		9.898 504		0.101 496	9.894 356		635	
		10		15			6		
366	9.792 870		9.898 519		0.101 481	9.894 350		634	
		9		16			6		
367	9.792 879		9.898 535		0.101 465	9.894 344		633	
		10		15			6		
368	9.792 889		9.898 550		0.101 450	9.894 338		632	
		9		16			6		
369	9.792 898		9.898 566		0.101 434	9.894 332		631	
		10		16			6		
.370	9.792 908		9.898 582		0.101 418	9.894 326		.630	
		9		15			6		
371	9.792 917		9.898 597		0.101 403	9.894 320		629	
		10		16			6		
372	9.792 927		9.898 613		0.101 387	9.894 314		628	
		10		15			6		
373	9.792 937		9.898 628		0.101 372	9.894 308		627	
		9		16			6		
374	9.792 946		9.898 644		0.101 356	9.894 302		626	
		10		15			6		
375	9.792 956		9.898 659		0.101 341	9.894 296		625	
		9		16			6		
376	9.792 965		9.898 675		0.101 325	9.894 290		624	
		10		16			6		
377	9.792 975		9.898 691		0.101 309	9.894 284		623	
		9		15			6		
378	9.792 984		9.898 706		0.101 294	9.894 278		622	
		10		16			6		
379	9.792 994		9.898 722		0.101 278	9.894 272		621	
		10		15			6		
.380	9.793 004		9.898 737		0.101 263	9.894 266		.620	
		9		16			6		
381	9.793 013		9.898 753		0.101 247	9.894 260		619	
		10		15			6		
382	9.793 023		9.898 768		0.101 232	9.894 254		618	
		9		16			6		
383	9.793 032		9.898 784		0.101 216	9.894 248		617	
		10		16			6		
384	9.793 042		9.898 800		0.101 200	9.894 242		616	
		9		15			6		
385	9.793 051		9.898 815		0.101 185	9.894 236		615	
		10		16			6		
386	9.793 061		9.898 831		0.101 169	9.894 230		614	
		10		15			6		
387	9.793 071		9.898 846		0.101 154	9.894 224		613	
		9		16			6		
388	9.793 080		9.898 862		0.101 138	9.894 218		612	
		10		15			6		
389	9.793 090		9.898 877		0.101 123	9.894 212		611	
		9		16			6		
.390	9.793 099		9.898 893		0.101 107	9.894 206		.610	
		10		16			6		
391	9.793 109		9.898 909		0.101 091	9.894 200		609	
		9		15			6		
392	9.793 118		9.898 924		0.101 076	9.894 194		608	
		10		16			6		
393	9.793 128		9.898 940		0.101 060	9.894 188		607	
		10		15			6		
394	9.793 138		9.898 955		0.101 045	9.894 182		606	
		9		16			6		
395	9.793 147		9.898 971		0.101 029	9.894 176		605	
		10		15			6		
396	9.793 157		9.898 986		0.101 014	9.894 170		604	
		9		16			6		
397	9.793 166		9.899 002		0.100 998	9.894 164		603	
		10		16			6		
398	9.793 176		9.899 018		0.100 982	9.894 158		602	
		9		15			6		
399	9.793 185		9.899 033		0.100 967	9.894 152		601	
		10		16			6		
.400	9.793 195		9.899 049		0.100 951	9.894 146		.600	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6
1	0.6
2	1.2
3	1.8
4	2.4
5	3.0
6	3.6
7	4.2
8	4.8
9	5.4

51°.650 — 51°.600

38°.400 — 38°.450

38°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.793 195		9.899 049		0.100 951	9.894 146		.600	
		10		15			6		
401	9.793 205		9.899 064		0.100 936	9.894 140		599	
402	9.793 214	9	9.899 080	16	0.100 920	9.894 134	6	598	
403	9.793 224	10	9.899 095	15	0.100 905	9.894 128	6	597	
		9		16			6		
404	9.793 233		9.899 111		0.100 889	9.894 122		596	
405	9.793 243	10	9.899 127	16	0.100 873	9.894 116	6	595	
406	9.793 252	9	9.899 142	15	0.100 858	9.894 110	6	594	
		10		16			6		
407	9.793 262		9.899 158		0.100 842	9.894 104		593	
408	9.793 271	9	9.899 173	15	0.100 827	9.894 098	6	592	
409	9.793 281	10	9.899 189	16	0.100 811	9.894 092	6	591	
		10		15			6		
.410	9.793 291		9.899 204		0.100 796	9.894 086		.590	
		9		16			6		
411	9.793 300		9.899 220		0.100 780	9.894 080		589	
412	9.793 310	10	9.899 236	16	0.100 764	9.894 074	6	588	
413	9.793 319	9	9.899 251	15	0.100 749	9.894 068	6	587	
		10		16			6		
414	9.793 329		9.899 267		0.100 733	9.894 062		586	
415	9.793 338	9	9.899 282	15	0.100 718	9.894 056	6	585	
416	9.793 348	10	9.899 298	16	0.100 702	9.894 050	6	584	
		9		15			6		
417	9.793 357		9.899 313		0.100 687	9.894 044		583	
418	9.793 367	10	9.899 329	16	0.100 671	9.894 038	6	582	
419	9.793 377	10	9.899 345	16	0.100 655	9.894 032	6	581	
		9		15			6		
.420	9.793 386		9.899 360		0.100 640	9.894 026		.580	
		10		16			6		
421	9.793 396		9.899 376		0.100 624	9.894 020		579	
422	9.793 405	9	9.899 391	15	0.100 609	9.894 014	6	578	
423	9.793 415	10	9.899 407	16	0.100 593	9.894 008	6	577	
		9		15			6		
424	9.793 424		9.899 422		0.100 578	9.894 002		576	
425	9.793 434	10	9.899 438	16	0.100 562	9.893 996	6	575	
426	9.793 443	9	9.899 454	16	0.100 546	9.893 990	6	574	
		10		15			6		
427	9.793 453		9.899 469		0.100 531	9.893 984		573	
428	9.793 463	10	9.899 485	16	0.100 515	9.893 978	6	572	
429	9.793 472	9	9.899 500	15	0.100 500	9.893 972	6	571	
		10		16			6		
.430	9.793 482		9.899 516		0.100 484	9.893 966		.570	
		9		15			6		
431	9.793 491		9.899 531		0.100 469	9.893 960		569	
432	9.793 501	10	9.899 547	16	0.100 453	9.893 954	6	568	
433	9.793 510	9	9.899 562	15	0.100 438	9.893 948	6	567	
		10		16			6		
434	9.793 520		9.899 578		0.100 422	9.893 942		566	
435	9.793 529	9	9.899 594	16	0.100 406	9.893 936	6	565	
436	9.793 539	10	9.899 609	15	0.100 391	9.893 930	6	564	
		10		16			6		
437	9.793 549		9.899 625		0.100 375	9.893 924		563	
438	9.793 558	9	9.899 640	15	0.100 360	9.893 918	6	562	
439	9.793 568	10	9.899 656	16	0.100 344	9.893 912	6	561	
		9		15			6		
.440	9.793 577		9.899 671		0.100 329	9.893 906		.560	
		10		16			6		
441	9.793 587		9.899 687		0.100 313	9.893 900		559	
442	9.793 596	9	9.899 703	16	0.100 297	9.893 894	6	558	
443	9.793 606	10	9.899 718	15	0.100 282	9.893 888	6	557	
		9		16			6		
444	9.793 615		9.899 734		0.100 266	9.893 882		556	
445	9.793 625	10	9.899 749	15	0.100 251	9.893 876	6	555	
446	9.793 634	9	9.899 765	16	0.100 235	9.893 870	6	554	
		10		15			6		
447	9.793 644		9.899 780		0.100 220	9.893 864		553	
448	9.793 654	10	9.899 796	16	0.100 204	9.893 858	6	552	
449	9.793 663	9	9.899 812	16	0.100 188	9.893 852	6	551	
		10		15			6		
.450	9.793 673		9.899 827		0.100 173	9.893 846		.550	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6
1	0.6
2	1.2
3	1.8
4	2.4
5	3.0
6	3.6
7	4.2
8	4.8
9	5.4

51°.600 — 51°.550

38°.450 — 38°.500

38°	sin	d	tang	d	cotg	cos	d		P.P.		
.450	9.793 673		9.899 827		0.100 173	9.893 846		**.550**			
		9		16			6				
451	9.793 682		9.899 843		0.100 157	9.893 840		549			
		10		15			6				
452	9.793 692		9.899 858		0.100 142	9.893 834		548			
		9		16			6				
453	9.793 701		9.899 874		0.100 126	9.893 828		547			
		10		15			7				
454	9.793 711		9.899 889		0.100 111	9.893 821		546			
		9		16			6				
455	9.793 720		9.899 905		0.100 095	9.893 815		545			
		10		16			6				
456	9.793 730		9.899 921		0.100 079	9.893 809		544			
		9		15			6				
457	9.793 739		9.899 936		0.100 064	9.893 803		543			
		10		16			6				
458	9.793 749		9.899 952		0.100 048	9.893 797		542			
		10		15			6				
459	9.793 759		9.899 967		0.100 033	9.893 791		541			
		9		16			6				
.460	9.793 768		9.899 983		0.100 017	9.893 785		**.540**			
		10		15			6				
461	9.793 778		9.899 998		0.100 002	9.893 779		539			
		9		16			6				
462	9.793 787		9.900 014		0.099 986	9.893 773		538			
		10		15			6				
463	9.793 797		9.900 029		0.099 971	9.893 767		537			
		9		16			6				
464	9.793 806		9.900 045		0.099 955	9.893 761		536			
		10		16			6				
465	9.793 816		9.900 061		0.099 939	9.893 755		535			
		9		15			6				
466	9.793 825		9.900 076		0.099 924	9.893 749		534			
		10		16			6				
467	9.793 835		9.900 092		0.099 908	9.893 743		533			
		9		15			6				
468	9.793 844		9.900 107		0.099 893	9.893 737		532			
		10		16			6				
469	9.793 854		9.900 123		0.099 877	9.893 731		531			
		10		15			6				
.470	9.793 864		9.900 138		0.099 862	9.893 725		**.530**			
		9		16			6				
471	9.793 873		9.900 154		0.099 846	9.893 719		529			
		10		16			6				
472	9.793 883		9.900 170		0.099 830	9.893 713		528			
		9		15			6				
473	9.793 892		9.900 185		0.099 815	9.893 707		527			
		10		16			6				
474	9.793 902		9.900 201		0.099 799	9.893 701		526			
		9		15			6				
475	9.793 911		9.900 216		0.099 784	9.893 695		525			
		10		16			6				
476	9.793 921		9.900 232		0.099 768	9.893 689		524			
		9		15			6				
477	9.793 930		9.900 247		0.099 753	9.893 683		523			
		10		16			6				
478	9.793 940		9.900 263		0.099 737	9.893 677		522			
		9		15			6				
479	9.793 949		9.900 278		0.099 722	9.893 671		521			
		10		16			6				
.480	9.793 959		9.900 294		0.099 706	9.893 665		**.520**			
		9		16			6				
481	9.793 968		9.900 310		0.099 690	9.893 659		519			
		10		15			6				
482	9.793 978		9.900 325		0.099 675	9.893 653		518			
		10		16			6				
483	9.793 988		9.900 341		0.099 659	9.893 647		517			
		9		15			6				
484	9.793 997		9.900 356		0.099 644	9.893 641		516			
		10		16			6				
485	9.794 007		9.900 372		0.099 628	9.893 635		515			
		9		15			6				
486	9.794 016		9.900 387		0.099 613	9.893 629		514			
		10		16			6				
487	9.794 026		9.900 403		0.099 597	9.893 623		513			
		9		15			6				
488	9.794 035		9.900 418		0.099 582	9.893 617		512			
		10		16			6				
489	9.794 045		9.900 434		0.099 566	9.893 611		511			
		9		16			6				
.490	9.794 054		9.900 450		0.099 550	9.893 605		**.510**			
		10		15			6				
491	9.794 064		9.900 465		0.099 535	9.893 599		509			
		9		16			6				
492	9.794 073		9.900 481		0.099 519	9.893 593		508			
		10		15			6				
493	9.794 083		9.900 496		0.099 504	9.893 587		507			
		9		16			6				
494	9.794 092		9.900 512		0.099 488	9.893 581		506			
		10		15			6				
495	9.794 102		9.900 527		0.099 473	9.893 575		505			
		9		16			7				
496	9.794 111		9.900 543		0.099 457	9.893 568		504			
		10		16			6				
497	9.794 121		9.900 559		0.099 441	9.893 562		503			
		10		15			6				
498	9.794 131		9.900 574		0.099 426	9.893 556		502			
		9		16			6				
499	9.794 140		9.900 590		0.099 410	9.893 550		501			
		10		15			6				
.500	9.794 150		9.900 605		0.099 395	9.893 544		**.500**			
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.		

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.550 — 51°.500

38°.500 — 38°.550

38°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.794 150		9.900 605		0.099 395	9.893 544		.500	
		9		16			6		
501	9.794 159		9.900 621		0.099 379	9.893 538		499	
		10		15			6		
502	9.794 169		9.900 636		0.099 364	9.893 532		498	
		9		16			6		
503	9.794 178		9.900 652		0.099 348	9.893 526		497	
		10		15			6		
504	9.794 188		9.900 667		0.099 333	9.893 520		496	
		9		16			6		
505	9.794 197		9.900 683		0.099 317	9.893 514		495	
		10		16			6		
506	9.794 207		9.900 699		0.099 301	9.893 508		494	
		9		15			6		
507	9.794 216		9.900 714		0.099 286	9.893 502		493	
		10		16			6		
508	9.794 226		9.900 730		0.099 270	9.893 496		492	
		9		15			6		
509	9.794 235		9.900 745		0.099 255	9.893 490		491	
		10		16			6		
.510	9.794 245		9.900 761		0.099 239	9.893 484		.490	
		9		15			6		
511	9.794 254		9.900 776		0.099 224	9.893 478		489	
		10		16			6		
512	9.794 264		9.900 792		0.099 208	9.893 472		488	
		9		15			6		
513	9.794 273		9.900 807		0.099 193	9.893 466		487	
		10		16			6		
514	9.794 283		9.900 823		0.099 177	9.893 460		486	
		9		16			6		
515	9.794 292		9.900 839		0.099 161	9.893 454		485	
		10		15			6		
516	9.794 302		9.900 854		0.099 146	9.893 448		484	
		10		16			6		
517	9.794 312		9.900 870		0.099 130	9.893 442		483	
		9		15			6		
518	9.794 321		9.900 885		0.099 115	9.893 436		482	
		10		16			6		
519	9.794 331		9.900 901		0.099 099	9.893 430		481	
		9		15			6		
.520	9.794 340		9.900 916		0.099 084	9.893 424		.480	
		10		16			6		
521	9.794 350		9.900 932		0.099 068	9.893 418		479	
		9		15			6		
522	9.794 359		9.900 947		0.099 053	9.893 412		478	
		10		16			6		
523	9.794 369		9.900 963		0.099 037	9.893 406		477	
		9		16			6		
524	9.794 378		9.900 979		0.099 021	9.893 400		476	
		10		15			6		
525	9.794 388		9.900 994		0.099 006	9.893 394		475	
		9		16			6		
526	9.794 397		9.901 010		0.098 990	9.893 388		474	
		10		15			6		
527	9.794 407		9.901 025		0.098 975	9.893 382		473	
		9		16			7		
528	9.794 416		9.901 041		0.098 959	9.893 375		472	
		10		15			6		
529	9.794 426		9.901 056		0.098 944	9.893 369		471	
		9		16			6		
.530	9.794 435		9.901 072		0.098 928	9.893 363		.470	
		10		15			6		
531	9.794 445		9.901 087		0.098 913	9.893 357		469	
		9		16			6		
532	9.794 454		9.901 103		0.098 897	9.893 351		468	
		10		16			6		
533	9.794 464		9.901 119		0.098 881	9.893 345		467	
		9		15			6		
534	9.794 473		9.901 134		0.098 866	9.893 339		466	
		10		16			6		
535	9.794 483		9.901 150		0.098 850	9.893 333		465	
		9		15			6		
536	9.794 492		9.901 165		0.098 835	9.893 327		464	
		10		16			6		
537	9.794 502		9.901 181		0.098 819	9.893 321		463	
		9		15			6		
538	9.794 511		9.901 196		0.098 804	9.893 315		462	
		10		16			6		
539	9.794 521		9.901 212		0.098 788	9.893 309		461	
		9		15			6		
.540	9.794 530		9.901 227		0.098 773	9.893 303		.460	
		10		16			6		
541	9.794 540		9.901 243		0.098 757	9.893 297		459	
		9		16			6		
542	9.794 549		9.901 259		0.098 741	9.893 291		458	
		10		15			6		
543	9.794 559		9.901 274		0.098 726	9.893 285		457	
		10		16			6		
544	9.794 569		9.901 290		0.098 710	9.893 279		456	
		9		15			6		
545	9.794 578		9.901 305		0.098 695	9.893 273		455	
		10		16			6		
546	9.794 588		9.901 321		0.098 679	9.893 267		454	
		9		15			6		
547	9.794 597		9.901 336		0.098 664	9.893 261		453	
		10		16			6		
548	9.794 607		9.901 352		0.098 648	9.893 255		452	
		9		15			6		
549	9.794 616		9.901 367		0.098 633	9.893 249		451	
		10		16			6		
.550	9.794 626		9.901 383		0.098 617	9.893 243		.450	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.500 — 51°.450

38°.550 — 38°.600

38°	sin	d	tang	d	cotg	cos	d		P.P.
·550	9·794 626		9·901 383		0·098 617	9·893 243		·450	
		9		16			6		
551	9·794 635		9·901 399		0·098 601	9·893 237		449	
		10		15			6		
552	9·794 645		9·901 414		0·098 586	9·893 231		448	
		9		16			6		
553	9·794 654		9·901 430		0·098 570	9·893 225		447	
		10		15			7		
554	9·794 664		9·901 445		0·098 555	9·893 218		446	
		9		16			6		
555	9·794 673		9·901 461		0·098 539	9·893 212		445	
		10		15			6		
556	9·794 683		9·901 476		0·098 524	9·893 206		444	
		9		16			6		
557	9·794 692		9·901 492		0·098 508	9·893 200		443	
		10		15			6		
558	9·794 702		9·901 507		0·098 493	9·893 194		442	
		9		16			6		
559	9·794 711		9·901 523		0·098 477	9·893 188		441	
		10		15			6		
·560	9·794 721		9·901 538		0·098 462	9·893 182		·440	
		9		16			6		
561	9·794 730		9·901 554		0·098 446	9·893 176		439	
		10		16			6		
562	9·794 740		9·901 570		0·098 430	9·893 170		438	
		9		15			6		
563	9·794 749		9·901 585		0·098 415	9·893 164		437	
		10		16			6		
564	9·794 759		9·901 601		0·098 399	9·893 158		436	
		9		15			6		
565	9·794 768		9·901 616		0·098 384	9·893 152		435	
		10		16			6		
566	9·794 778		9·901 632		0·098 368	9·893 146		434	
		9		15			6		
567	9·794 787		9·901 647		0·098 353	9·893 140		433	
		10		16			6		
568	9·794 797		9·901 663		0·098 337	9·893 134		432	
		9		15			6		
569	9·794 806		9·901 678		0·098 322	9·893 128		431	
		10		16			6		
·570	9·794 816		9·901 694		0·098 306	9·893 122		·430	
		9		16			6		
571	9·794 825		9·901 710		0·098 290	9·893 116		429	
		10		15			6		
572	9·794 835		9·901 725		0·098 275	9·893 110		428	
		9		16			6		
573	9·794 844		9·901 741		0·098 259	9·893 104		427	
		10		15			6		
574	9·794 854		9·901 756		0·098 244	9·893 098		426	
		9		16			6		
575	9·794 863		9·901 772		0·098 228	9·893 092		425	
		10		15			6		
576	9·794 873		9·901 787		0·098 213	9·893 086		424	
		9		16			7		
577	9·794 882		9·901 803		0·098 197	9·893 079		423	
		10		15			6		
578	9·794 892		9·901 818		0·098 182	9·893 073		422	
		9		16			6		
579	9·794 901		9·901 834		0·098 166	9·893 067		421	
		10		15			6		
·580	9·794 911		9·901 849		0·098 151	9·893 061		·420	
		9		16			6		
581	9·794 920		9·901 865		0·098 135	9·893 055		419	
		10		16			6		
582	9·794 930		9·901 881		0·098 119	9·893 049		418	
		9		15			6		
583	9·794 939		9·901 896		0·098 104	9·893 043		417	
		10		16			6		
584	9·794 949		9·901 912		0·098 088	9·893 037		416	
		9		15			6		
585	9·794 958		9·901 927		0·098 073	9·893 031		415	
		10		16			6		
586	9·794 968		9·901 943		0·098 057	9·893 025		414	
		9		15			6		
587	9·794 977		9·901 958		0·098 042	9·893 019		413	
		10		16			6		
588	9·794 987		9·901 974		0·098 026	9·893 013		412	
		9		15			6		
589	9·794 996		9·901 989		0·098 011	9·893 007		411	
		10		16			6		
·590	9·795 006		9·902 005		0·097 995	9·893 001		·410	
		9		16			6		
591	9·795 015		9·902 021		0·097 979	9·892 995		409	
		10		15			6		
592	9·795 025		9·902 036		0·097 964	9·892 989		408	
		9		16			6		
593	9·795 034		9·902 052		0·097 948	9·892 983		407	
		10		15			6		
594	9·795 044		9·902 067		0·097 933	9·892 977		406	
		9		16			6		
595	9·795 053		9·902 083		0·097 917	9·892 971		405	
		10		15			6		
596	9·795 063		9·902 098		0·097 902	9·892 965		404	
		9		16			6		
597	9·795 072		9·902 114		0·097 886	9·892 959		403	
		10		15			7		
598	9·795 082		9·902 129		0·097 871	9·892 952		402	
		9		16			6		
599	9·795 091		9·902 145		0·097 855	9·892 946		401	
		10		15			6		
·600	9·795 101		9·902 160		0·097 840	9·892 940		·400	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.450 — 51°.400

38°.600 — 38°.650

38°	sin	d	tang	d	cotg	cos	d		P.P.		
.600	9.795 101		9.902 160		0.097 840	9.892 940		**.400**			
		9		16			6				
601	9.795 110		9.902 176		0.097 824	9.892 934		399			
602	9.795 120	10	9.902 192	16	0.097 808	9.892 928	6	398			
603	9.795 129	9	9.902 207	15	0.097 793	9.892 922	6	397			
		10		16			6				
604	9.795 139		9.902 223		0.097 777	9.892 916		396			
605	9.795 148	9	9.902 238	15	0.097 762	9.892 910	6	395			
606	9.795 158	10	9.902 254	16	0.097 746	9.892 904	6	394			
		9		15			6				
607	9.795 167		9.902 269		0.097 731	9.892 898		393		16	15
608	9.795 177	10	9.902 285	16	0.097 715	9.892 892	6	392	1	1.6	1.5
609	9.795 186	9	9.902 300	15	0.097 700	9.892 886	6	391	2	3.2	3.0
		10		16			6		3	4.8	4.5
.610	9.795 196		9.902 316		0.097 684	9.892 880		**.390**	4	6.4	6.0
		9		15			6		5	8.0	7.5
611	9.795 205		9.902 331		0.097 669	9.892 874		389	6	9.6	9.0
612	9.795 215	10	9.902 347	16	0.097 653	9.892 868	6	388	7	11.2	10.5
613	9.795 224	9	9.902 363	16	0.097 637	9.892 862	6	387	8	12.8	12.0
		10		15			6		9	14.4	13.5
614	9.795 234		9.902 378		0.097 622	9.892 856		386			
615	9.795 243	9	9.902 394	16	0.097 606	9.892 850	6	385			
616	9.795 253	10	9.902 409	15	0.097 591	9.892 844	6	384			
		9		16			7				
617	9.795 262		9.902 425		0.097 575	9.892 837		383			
618	9.795 272	10	9.902 440	15	0.097 560	9.892 831	6	382			
619	9.795 281	9	9.902 456	16	0.097 544	9.892 825	6	381			
		10		15			6				
.620	9.795 291		9.902 471		0.097 529	9.892 819		**.380**			
		9		16			6				
621	9.795 300		9.902 487		0.097 513	9.892 813		379		10	9
622	9.795 310	10	9.902 502	15	0.097 498	9.892 807	6	378			
623	9.795 319	9	9.902 518	16	0.097 482	9.892 801	6	377	1	1.0	0.9
		10		15			6		2	2.0	1.8
624	9.795 329		9.902 533		0.097 467	9.892 795		376	3	3.0	2.7
625	9.795 338	9	9.902 549	16	0.097 451	9.892 789	6	375	4	4.0	3.6
626	9.795 348	10	9.902 565	16	0.097 435	9.892 783	6	374	5	5.0	4.5
		9		15			6		6	6.0	5.4
627	9.795 357		9.902 580		0.097 420	9.892 777		373	7	7.0	6.3
628	9.795 367	10	9.902 596	16	0.097 404	9.892 771	6	372	8	8.0	7.2
629	9.795 376	9	9.902 611	15	0.097 389	9.892 765	6	371	9	9.0	8.1
		9		16			6				
.630	9.795 385		9.902 627		0.097 373	9.892 759		**.370**			
		10		15			6				
631	9.795 395		9.902 642		0.097 358	9.892 753		369			
632	9.795 404	9	9.902 658	16	0.097 342	9.892 747	6	368			
633	9.795 414	10	9.902 673	15	0.097 327	9.892 741	6	367			
		9		16			6				
634	9.795 423		9.902 689		0.097 311	9.892 735		366			
635	9.795 433	10	9.902 704	15	0.097 296	9.892 728	7	365			
636	9.795 442	9	9.902 720	16	0.097 280	9.892 722	6	364		7	6
		10		16			6				
637	9.795 452		9.902 736		0.097 264	9.892 716		363	1	0.7	0.6
638	9.795 461	9	9.902 751	15	0.097 249	9.892 710	6	362	2	1.4	1.2
639	9.795 471	10	9.902 767	16	0.097 233	9.892 704	6	361	3	2.1	1.8
		9		15			6		4	2.8	2.4
.640	9.795 480		9.902 782		0.097 218	9.892 698		**.360**	5	3.5	3.0
		10		16			6		6	4.2	3.6
641	9.795 490		9.902 798		0.097 202	9.892 692		359	7	4.9	4.2
642	9.795 499	9	9.902 813	15	0.097 187	9.892 686	6	358	8	5.6	4.8
643	9.795 509	10	9.902 829	16	0.097 171	9.892 680	6	357	9	6.3	5.4
		9		15			6				
644	9.795 518		9.902 844		0.097 156	9.892 674		356			
645	9.795 528	10	9.902 860	16	0.097 140	9.892 668	6	355			
646	9.795 537	9	9.902 875	15	0.097 125	9.892 662	6	354			
		10		16			6				
647	9.795 547		9.902 891		0.097 109	9.892 656		353			
648	9.795 556	9	9.902 906	15	0.097 094	9.892 650	6	352			
649	9.795 566	10	9.902 922	16	0.097 078	9.892 644	6	351			
		9		16			6				
.650	9.795 575		9.902 938		0.097 062	9.892 638		**.350**			
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.		

51°.400 — 51°.350

38°.650 — 38°.700

38°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.795 575		9.902 938		0.097 062	9.892 638		**.350**	
		10		15			7		
651	9.795 585		9.902 953		0.097 047	9.892 631	6	349	
652	9.795 594	9	9.902 969	16	0.097 031	9.892 625	6	348	
653	9.795 604	10	9.902 984	15	0.097 016	9.892 619	6	347	
		9		16			6		
654	9.795 613		9.903 000		0.097 000	9.892 613	6	346	
655	9.795 623	10	9.903 015	15	0.096 985	9.892 607	6	345	
656	9.795 632	9	9.903 031	16	0.096 969	9.892 601	6	344	
		9		15			6		
657	9.795 641		9.903 046		0.096 954	9.892 595	6	343	
658	9.795 651	10	9.903 062	16	0.096 938	9.892 589	6	342	
659	9.795 660	9	9.903 077	15	0.096 923	9.892 583	6	341	
		10		16			6		
.660	9.795 670		9.903 093		0.096 907	9.892 577		**.340**	
		9		16			6		
661	9.795 679		9.903 109		0.096 891	9.892 571		339	
662	9.795 689	10	9.903 124	15	0.096 876	9.892 565	6	338	
663	9.795 698	9	9.903 140	16	0.096 860	9.892 559	6	337	
		10		15			6		
664	9.795 708		9.903 155		0.096 845	9.892 553	6	336	
665	9.795 717	9	9.903 171	16	0.096 829	9.892 547	6	335	
666	9.795 727	10	9.903 186	15	0.096 814	9.892 541	6	334	
		9		16			7		
667	9.795 736		9.903 202		0.096 798	9.892 534	6	333	
668	9.795 746	10	9.903 217	15	0.096 783	9.892 528	6	332	
669	9.795 755	9	9.903 233	16	0.096 767	9.892 522	6	331	
		10		15			6		
.670	9.795 765		9.903 248		0.096 752	9.892 516		**.330**	
		9		16			6		
671	9.795 774		9.903 264		0.096 736	9.892 510	6	329	
672	9.795 784	10	9.903 279	15	0.096 721	9.892 504	6	328	
673	9.795 793	9	9.903 295	16	0.096 705	9.892 498	6	327	
		9		15			6		
674	9.795 802		9.903 310		0.096 690	9.892 492	6	326	
675	9.795 812	10	9.903 326	16	0.096 674	9.892 486	6	325	
676	9.795 821	9	9.903 342	16	0.096 658	9.892 480	6	324	
		10		15			6		
677	9.795 831		9.903 357		0.096 643	9.892 474	6	323	
678	9.795 840	9	9.903 373	16	0.096 627	9.892 468	6	322	
679	9.795 850	10	9.903 388	15	0.096 612	9.892 462	6	321	
		9		16			6		
.680	9.795 859		9.903 404		0.096 596	9.892 456		**.320**	
		10		15			6		
681	9.795 869		9.903 419		0.096 581	9.892 450		319	
682	9.795 878	9	9.903 435	16	0.096 565	9.892 443	7	318	
683	9.795 888	10	9.903 450	15	0.096 550	9.892 437	6	317	
		9		16			6		
684	9.795 897		9.903 466		0.096 534	9.892 431	6	316	
685	9.795 907	10	9.903 481	15	0.096 519	9.892 425	6	315	
686	9.795 916	9	9.903 497	16	0.096 503	9.892 419	6	314	
		10		15			6		
687	9.795 926		9.903 512		0.096 488	9.892 413	6	313	
688	9.795 935	9	9.903 528	16	0.096 472	9.892 407	6	312	
689	9.795 945	10	9.903 544	16	0.096 456	9.892 401	6	311	
		9		15			6		
.690	9.795 954		9.903 559		0.096 441	9.892 395		**.310**	
		9		16			6		
691	9.795 963		9.903 575		0.096 425	9.892 389	6	309	
692	9.795 973	10	9.903 590	15	0.096 410	9.892 383	6	308	
693	9.795 982	9	9.903 606	16	0.096 394	9.892 377	6	307	
		10		15			6		
694	9.795 992		9.903 621		0.096 379	9.892 371	6	306	
695	9.796 001	9	9.903 637	16	0.096 363	9.892 365	6	305	
696	9.796 011	10	9.903 652	15	0.096 348	9.892 358	7	304	
		9		16			6		
697	9.796 020		9.903 668		0.096 332	9.892 352	6	303	
698	9.796 030	10	9.903 683	15	0.096 317	9.892 346	6	302	
699	9.796 039	9	9.903 699	16	0.096 301	9.892 340	6	301	
		10		15			6		
.700	9.796 049		9.903 714		0.096 286	9.892 334		**.300**	
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.350 — 51°.300

$38^\circ.700 - 38^\circ.750$

38°	sin	d	tang	d	cotg	cos	d		P.P.		
.700	9.796 049		9.903 714		0.096 286	9.892 334		**.300**			
		9		16			6				
701	9.796 058		9.903 730		0.096 270	9.892 328		299			
702	9.796 068	10	9.903 745	15	0.096 255	9.892 322	6	298			
703	9.796 077	9	9.903 761	16	0.096 239	9.892 316	6	297			
		9		16			6				
704	9.796 086		9.903 777		0.096 223	9.892 310		296			
705	9.796 096	10	9.903 792	15	0.096 208	9.892 304	6	295			
706	9.796 105	9	9.903 808	16	0.096 192	9.892 298	6	294			
		10		15			6				
707	9.796 115		9.903 823		0.096 177	9.892 292		293			
708	9.796 124	9	9.903 839	16	0.096 161	9.892 286	6	292			
709	9.796 134	10	9.903 854	15	0.096 146	9.892 280	6	291			
		9		16			7				
.710	9.796 143		9.903 870		0.096 130	9.892 273		**.290**			
		10		15			6				
711	9.796 153		9.903 885		0.096 115	9.892 267		289			
712	9.796 162	9	9.903 901	16	0.096 099	9.892 261	6	288			
713	9.796 172	10	9.903 916	15	0.096 084	9.892 255	6	287			
		9		16			6				
714	9.796 181		9.903 932		0.096 068	9.892 249		286			
715	9.796 190	9	9.903 947	15	0.096 053	9.892 243	6	285			
716	9.796 200	10	9.903 963	16	0.096 037	9.892 237	6	284			
		9		15			6				
717	9.796 209		9.903 978		0.096 022	9.892 231		283			
718	9.796 219	10	9.903 994	16	0.096 006	9.892 225	6	282			
719	9.796 228	9	9.904 010	16	0.095 990	9.892 219	6	281			
		10		15			6				
.720	9.796 238		9.904 025		0.095 975	9.892 213		**.280**			
		9		16			6				
721	9.796 247		9.904 041		0.095 959	9.892 207		279			
722	9.796 257	10	9.904 056	15	0.095 944	9.892 201	6	278			
723	9.796 266	9	9.904 072	16	0.095 928	9.892 194	7	277			
		10		15			6				
724	9.796 276		9.904 087		0.095 913	9.892 188		276			
725	9.796 285	9	9.904 103	16	0.095 897	9.892 182	6	275			
726	9.796 294	9	9.904 118	15	0.095 882	9.892 176	6	274			
		10		16			6				
727	9.796 304		9.904 134		0.095 866	9.892 170		273			
728	9.796 313	9	9.904 149	15	0.095 851	9.892 164	6	272			
729	9.796 323	10	9.904 165	16	0.095 835	9.892 158	6	271			
		9		15			6				
.730	9.796 332		9.904 180		0.095 820	9.892 152		**.270**			
		10		16			6				
731	9.796 342		9.904 196		0.095 804	9.892 146		269			
732	9.796 351	9	9.904 211	15	0.095 789	9.892 140	6	268			
733	9.796 361	10	9.904 227	16	0.095 773	9.892 134	6	267			
		9		15			6				
734	9.796 370		9.904 242		0.095 758	9.892 128		266			
735	9.796 380	10	9.904 258	16	0.095 742	9.892 122	6	265			
736	9.796 389	9	9.904 274	16	0.095 726	9.892 115	7	264			
		9		15			6				
737	9.796 398		9.904 289		0.095 711	9.892 109		263			
738	9.796 408	10	9.904 305	16	0.095 695	9.892 103	6	262			
739	9.796 417	9	9.904 320	15	0.095 680	9.892 097	6	261			
		10		16			6				
.740	9.796 427		9.904 336		0.095 664	9.892 091		**.260**			
		9		15			6				
741	9.796 436		9.904 351		0.095 649	9.892 085		259			
742	9.796 446	10	9.904 367	16	0.095 633	9.892 079	6	258			
743	9.796 455	9	9.904 382	15	0.095 618	9.892 073	6	257			
		10		16			6				
744	9.796 465		9.904 398		0.095 602	9.892 067		256			
745	9.796 474	9	9.904 413	15	0.095 587	9.892 061	6	255			
746	9.796 483	9	9.904 429	16	0.095 571	9.892 055	6	254			
		10		15			6				
747	9.796 493		9.904 444		0.095 556	9.892 049		253			
748	9.796 502	9	9.904 460	16	0.095 540	9.892 042	7	252			
749	9.796 512	10	9.904 475	15	0.095 525	9.892 036	6	251			
		9		16			6				
.750	9.796 521		9.904 491		0.095 509	9.892 030		**.250**			
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.		

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

$51^\circ.300 - 51^\circ.250$

38°.750 — 38°.800

38°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.796 521		9.904 491		0.095 509	9.892 030		.250	
		10		15			6		
751	9.796 531		9.904 506		0.095 494	9.892 024		249	
		9		16			6		
752	9.796 540		9.904 522		0.095 478	9.892 018		248	
		10		16			6		
753	9.796 550		9.904 538		0.095 462	9.892 012		247	
		9		15			6		
754	9.796 559		9.904 553		0.095 447	9.892 006		246	
		9		16			6		
755	9.796 568		9.904 569		0.095 431	9.892 000		245	
		10		15			6		
756	9.796 578		9.904 584		0.095 416	9.891 994		244	
		9		16			6		
757	9.796 587		9.904 600		0.095 400	9.891 988		243	
		10		15			6		
758	9.796 597		9.904 615		0.095 385	9.891 982		242	
		9		16			6		
759	9.796 606		9.904 631		0.095 369	9.891 976		241	
		10		15			7		
.760	9.796 616		9.904 646		0.095 354	9.891 969		.240	
		9		16			6		
761	9.796 625		9.904 662		0.095 338	9.891 963		239	
		10		15			6		
762	9.796 635		9.904 677		0.095 323	9.891 957		238	
		9		16			6		
763	9.796 644		9.904 693		0.095 307	9.891 951		237	
		9		15			6		
764	9.796 653		9.904 708		0.095 292	9.891 945		236	
		10		16			6		
765	9.796 663		9.904 724		0.095 276	9.891 939		235	
		9		15			6		
766	9.796 672		9.904 739		0.095 261	9.891 933		234	
		10		16			6		
767	9.796 682		9.904 755		0.095 245	9.891 927		233	
		9		15			6		
768	9.796 691		9.904 770		0.095 230	9.891 921		232	
		10		16			6		
769	9.796 701		9.904 786		0.095 214	9.891 915		231	
		9		15			6		
.770	9.796 710		9.904 801		0.095 199	9.891 909		.230	
		9		16			7		
771	9.796 719		9.904 817		0.095 183	9.891 902		229	
		10		16			6		
772	9.796 729		9.904 833		0.095 167	9.891 896		228	
		9		15			6		
773	9.796 738		9.904 848		0.095 152	9.891 890		227	
		10		16			6		
774	9.796 748		9.904 864		0.095 136	9.891 884		226	
		9		15			6		
775	9.796 757		9.904 879		0.095 121	9.891 878		225	
		10		16			6		
776	9.796 767		9.904 895		0.095 105	9.891 872		224	
		9		15			6		
777	9.796 776		9.904 910		0.095 090	9.891 866		223	
		10		16			6		
778	9.796 786		9.904 926		0.095 074	9.891 860		222	
		9		15			6		
779	9.796 795		9.904 941		0.095 059	9.891 854		221	
		9		16			6		
.780	9.796 804		9.904 957		0.095 043	9.891 848		.220	
		10		15			6		
781	9.796 814		9.904 972		0.095 028	9.891 842		219	
		9		16			7		
782	9.796 823		9.904 988		0.095 012	9.891 835		218	
		10		15			6		
783	9.796 833		9.905 003		0.094 997	9.891 829		217	
		9		16			6		
784	9.796 842		9.905 019		0.094 981	9.891 823		216	
		10		15			6		
785	9.796 852		9.905 034		0.094 966	9.891 817		215	
		9		16			6		
786	9.796 861		9.905 050		0.094 950	9.891 811		214	
		9		15			6		
787	9.796 870		9.905 065		0.094 935	9.891 805		213	
		10		16			6		
788	9.796 880		9.905 081		0.094 919	9.891 799		212	
		9		15			6		
789	9.796 889		9.905 096		0.094 904	9.891 793		211	
		10		16			6		
.790	9.796 899		9.905 112		0.094 888	9.891 787		.210	
		9		15			6		
791	9.796 908		9.905 127		0.094 873	9.891 781		209	
		10		16			6		
792	9.796 918		9.905 143		0.094 857	9.891 775		208	
		9		16			7		
793	9.796 927		9.905 159		0.094 841	9.891 768		207	
		9		15			6		
794	9.796 936		9.905 174		0.094 826	9.891 762		206	
		10		16			6		
795	9.796 946		9.905 190		0.094 810	9.891 756		205	
		9		15			6		
796	9.796 955		9.905 205		0.094 795	9.891 750		204	
		10		16			6		
797	9.796 965		9.905 221		0.094 779	9.891 744		203	
		9		15			6		
798	9.796 974		9.905 236		0.094 764	9.891 738		202	
		10		16			6		
799	9.796 984		9.905 252		0.094 748	9.891 732		201	
		9		15			6		
.800	9.796 993		9.905 267		0.094 733	9.891 726		.200	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
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3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.250 — 51°.200

38°.800 — 38°.850

38°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.796 993		9.905 267		0.094 733	9.891 726		.200	
		9		16			6		
801	9.797 002		9.905 283		0.094 717	9.891 720		199	
802	9.797 012	10	9.905 298	15	0.094 702	9.891 714	6	198	
803	9.797 021	9	9.905 314	16	0.094 686	9.891 708	6	197	
		10		15			7		
804	9.797 031		9.905 329	16	0.094 671	9.891 701	6	196	
805	9.797 040	9	9.905 345	15	0.094 655	9.891 695	6	195	
806	9.797 050	10	9.905 360	16	0.094 640	9.891 689	6	194	
		9		15			6		
807	9.797 059		9.905 376	16	0.094 624	9.891 683	6	193	
808	9.797 068	9	9.905 391	15	0.094 609	9.891 677	6	192	
809	9.797 078	10	9.905 407	16	0.094 593	9.891 671	6	191	
		9		15			6		
.810	9.797 087		9.905 422	16	0.094 578	9.891 665	6	.190	
		10					6		
811	9.797 097		9.905 438	15	0.094 562	9.891 659	6	189	
812	9.797 106	9	9.905 453	16	0.094 547	9.891 653	6	188	
813	9.797 116	10	9.905 469	15	0.094 531	9.891 647	6	187	
		9		16			7		
814	9.797 125		9.905 484	16	0.094 516	9.891 640	6	186	
815	9.797 134	9	9.905 500	16	0.094 500	9.891 634	6	185	
816	9.797 144	10	9.905 516	15	0.094 484	9.891 628	6	184	
		9		16			6		
817	9.797 153		9.905 531	16	0.094 469	9.891 622	6	183	
818	9.797 163	10	9.905 547	15	0.094 453	9.891 616	6	182	
819	9.797 172	9	9.905 562	16	0.094 438	9.891 610	6	181	
		10		16			6		
.820	9.797 182		9.905 578		0.094 422	9.891 604	6	.180	
		9		15			6		
821	9.797 191		9.905 593	16	0.094 407	9.891 598	6	179	
822	9.797 200	9	9.905 609	15	0.094 391	9.891 592	6	178	
823	9.797 210	10	9.905 624	16	0.094 376	9.891 586	6	177	
		9		15			7		
824	9.797 219		9.905 640	16	0.094 360	9.891 580	6	176	
825	9.797 229	10	9.905 655	15	0.094 345	9.891 573	6	175	
826	9.797 238	9	9.905 671	16	0.094 329	9.891 567	6	174	
		9		15			6		
827	9.797 247		9.905 686	16	0.094 314	9.891 561	6	173	
828	9.797 257	10	9.905 702	15	0.094 298	9.891 555	6	172	
829	9.797 266	9	9.905 717	16	0.094 283	9.891 549	6	171	
		10		15			6		
.830	9.797 276		9.905 733		0.094 267	9.891 543	6	.170	
		9		15			6		
831	9.797 285		9.905 748	16	0.094 252	9.891 537	6	169	
832	9.797 295	10	9.905 764	15	0.094 236	9.891 531	6	168	
833	9.797 304	9	9.905 779	16	0.094 221	9.891 525	6	167	
		9		15			7		
834	9.797 313		9.905 795	16	0.094 205	9.891 518	6	166	
835	9.797 323	10	9.905 810	15	0.094 190	9.891 512	6	165	
836	9.797 332	9	9.905 826	16	0.094 174	9.891 506	6	164	
		10		15			6		
837	9.797 342		9.905 841	16	0.094 159	9.891 500	6	163	
838	9.797 351	9	9.905 857	15	0.094 143	9.891 494	6	162	
839	9.797 360	9	9.905 872	16	0.094 128	9.891 488	6	161	
		10		16			6		
.840	9.797 370		9.905 888		0.094 112	9.891 482	6	.160	
		9		15			6		
841	9.797 379		9.905 903	16	0.094 097	9.891 476	6	159	
842	9.797 389	10	9.905 919	16	0.094 081	9.891 470	6	158	
843	9.797 398	9	9.905 935	15	0.094 065	9.891 464	7	157	
		10		16			6		
844	9.797 408		9.905 950	15	0.094 050	9.891 457	6	156	
845	9.797 417	9	9.905 966	16	0.094 034	9.891 451	6	155	
846	9.797 426	9	9.905 981	15	0.094 019	9.891 445	6	154	
		10		16			6		
847	9.797 436		9.905 997	15	0.094 003	9.891 439	6	153	
848	9.797 445	9	9.906 012	16	0.093 988	9.891 433	6	152	
849	9.797 455	10	9.906 028	15	0.093 972	9.891 427	6	151	
		9							
.850	9.797 464		9.906 043		0.093 957	9.891 421		.150	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

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2	2.0	1.8
3	3.0	2.7
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6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
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51°.200 — 51°.150

38°.850 — 38°.900

38°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.797 464		9.906 043		0.093 957	9.891 421		.150	
		9		16			6		
851	9.797 473		9.906 059		0.093 941	9.891 415		149	
852	9.797 483	10	9.906 074	15	0.093 926	9.891 409	6	148	
853	9.797 492	9	9.906 090	16	0.093 910	9.891 403	6	147	
		10		15			7		
854	9.797 502		9.906 105	16	0.093 895	9.891 396	6	146	
855	9.797 511	9	9.906 121	15	0.093 879	9.891 390	6	145	
856	9.797 520	9	9.906 136	16	0.093 864	9.891 384	6	144	
		10		15			6		
857	9.797 530		9.906 152	16	0.093 848	9.891 378	6	143	
858	9.797 539	9	9.906 167	15	0.093 833	9.891 372	6	142	
859	9.797 549	10	9.906 183	16	0.093 817	9.891 366	6	141	
		9		15			6		
.860	9.797 558		9.906 198	16	0.093 802	9.891 360	6	.140	
		9					6		
861	9.797 567		9.906 214	15	0.093 786	9.891 354	6	139	
862	9.797 577	10	9.906 229	16	0.093 771	9.891 348	7	138	
863	9.797 586	9	9.906 245	15	0.093 755	9.891 341	6	137	
		10		16			6		
864	9.797 596		9.906 260	15	0.093 740	9.891 335	6	136	
865	9.797 605	9	9.906 276	16	0.093 724	9.891 329	6	135	
866	9.797 615	10	9.906 291	15	0.093 709	9.891 323	6	134	
		9		16			6		
867	9.797 624		9.906 307	15	0.093 693	9.891 317	6	133	
868	9.797 633	9	9.906 322	16	0.093 678	9.891 311	6	132	
869	9.797 643	10	9.906 338	15	0.093 662	9.891 305	6	131	
		9		16			6		
.870	9.797 652		9.906 353		0.093 647	9.891 299		.130	
		10		16			6		
871	9.797 662		9.906 369		0.093 631	9.891 293		129	
872	9.797 671	9	9.906 384	15	0.093 616	9.891 286	7	128	
873	9.797 680	9	9.906 400	16	0.093 600	9.891 280	6	127	
		10		15			6		
874	9.797 690		9.906 415	16	0.093 585	9.891 274	6	126	
875	9.797 699	9	9.906 431	16	0.093 569	9.891 268	6	125	
876	9.797 709	10	9.906 447	15	0.093 553	9.891 262	6	124	
		9		16			6		
877	9.797 718		9.906 462	15	0.093 538	9.891 256	6	123	
878	9.797 727	9	9.906 478	16	0.093 522	9.891 250	6	122	
879	9.797 737	10	9.906 493	15	0.093 507	9.891 244	6	121	
		9		16			6		
.880	9.797 746		9.906 509		0.093 491	9.891 238		.120	
		10		15			7		
881	9.797 756		9.906 524	16	0.093 476	9.891 231	6	119	
882	9.797 765	9	9.906 540	15	0.093 460	9.891 225	6	118	
883	9.797 774	9	9.906 555	16	0.093 445	9.891 219	6	117	
		10		15			6		
884	9.797 784		9.906 571	16	0.093 429	9.891 213	6	116	
885	9.797 793	9	9.906 586	15	0.093 414	9.891 207	6	115	
886	9.797 803	10	9.906 602	16	0.093 398	9.891 201	6	114	
		9		15			6		
887	9.797 812		9.906 617	16	0.093 383	9.891 195	6	113	
888	9.797 821	9	9.906 633	15	0.093 367	9.891 189	6	112	
889	9.797 831	10	9.906 648	16	0.093 352	9.891 183	6	111	
		9		15			7		
.890	9.797 840		9.906 664	16	0.093 336	9.891 176	6	.110	
		10		15			6		
891	9.797 850		9.906 679	16	0.093 321	9.891 170	6	109	
892	9.797 859	9	9.906 695	15	0.093 305	9.891 164	6	108	
893	9.797 868	9	9.906 710	16	0.093 290	9.891 158	6	107	
		10		15			6		
894	9.797 878		9.906 726	16	0.093 274	9.891 152	6	106	
895	9.797 887	9	9.906 741	15	0.093 259	9.891 146	6	105	
896	9.797 897	10	9.906 757	16	0.093 243	9.891 140	6	104	
		9		15			6		
897	9.797 906		9.906 772	16	0.093 228	9.891 134	6	103	
898	9.797 915	9	9.906 788	15	0.093 212	9.891 128	6	102	
899	9.797 925	10	9.906 803	16	0.093 197	9.891 121	7	101	
		9					6		
.900	9.797 934		9.906 819		0.093 181	9.891 115		.100	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

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5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
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3	2.1	1.8
4	2.8	2.4
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6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.150 — 51°.100

38°.900 — 38°.950

38°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.797 934		9.906 819		0.093 181	9.891 115		.100	
		9		15			6		
901	9.797 943		9.906 834		0.093 166	9.891 109		099	
		10		16			6		
902	9.797 953		9.906 850		0.093 150	9.891 103		098	
		9		15			6		
903	9.797 962		9.906 865		0.093 135	9.891 097		097	
		10		16			6		
904	9.797 972		9.906 881		0.093 119	9.891 091		096	
		9		15			6		
905	9.797 981		9.906 896		0.093 104	9.891 085		095	
		9		16			6		
906	9.797 990		9.906 912		0.093 088	9.891 079		094	
		10		15			7		
907	9.798 000		9.906 927		0.093 073	9.891 072		093	
		9		16			6		
908	9.798 009		9.906 943		0.093 057	9.891 066		092	
		10		15			6		
909	9.798 019		9.906 958		0.093 042	9.891 060		091	
		9		16			6		
.910	9.798 028		9.906 974		0.093 026	9.891 054		.090	
		9		15			6		
911	9.798 037		9.906 989		0.093 011	9.891 048		089	
		10		16			6		
912	9.798 047		9.907 005		0.092 995	9.891 042		088	
		9		15			6		
913	9.798 056		9.907 020		0.092 980	9.891 036		087	
		10		16			6		
914	9.798 066		9.907 036		0.092 964	9.891 030		086	
		9		15			6		
915	9.798 075		9.907 051		0.092 949	9.891 024		085	
		9		16			7		
916	9.798 084		9.907 067		0.092 933	9.891 017		084	
		10		15			6		
917	9.798 094		9.907 082		0.092 918	9.891 011		083	
		9		16			6		
918	9.798 103		9.907 098		0.092 902	9.891 005		082	
		10		15			6		
919	9.798 113		9.907 113		0.092 887	9.890 999		081	
		9		16			6		
.920	9.798 122		9.907 129		0.092 871	9.890 993		.080	
		9		15			6		
921	9.798 131		9.907 144		0.092 856	9.890 987		079	
		10		16			6		
922	9.798 141		9.907 160		0.092 840	9.890 981		078	
		9		15			6		
923	9.798 150		9.907 175		0.092 825	9.890 975		077	
		9		16			7		
924	9.798 159		9.907 191		0.092 809	9.890 968		076	
		10		16			6		
925	9.798 169		9.907 207		0.092 793	9.890 962		075	
		9		15			6		
926	9.798 178		9.907 222		0.092 778	9.890 956		074	
		10		16			6		
927	9.798 188		9.907 238		0.092 762	9.890 950		073	
		9		15			6		
928	9.798 197		9.907 253		0.092 747	9.890 944		072	
		9		16			6		
929	9.798 206		9.907 269		0.092 731	9.890 938		071	
		10		15			6		
.930	9.798 216		9.907 284		0.092 716	9.890 932		.070	
		9		16			6		
931	9.798 225		9.907 300		0.092 700	9.890 926		069	
		10		15			7		
932	9.798 235		9.907 315		0.092 685	9.890 919		068	
		9		16			6		
933	9.798 244		9.907 331		0.092 669	9.890 913		067	
		9		15			6		
934	9.798 253		9.907 346		0.092 654	9.890 907		066	
		10		16			6		
935	9.798 263		9.907 362		0.092 638	9.890 901		065	
		9		15			6		
936	9.798 272		9.907 377		0.092 623	9.890 895		064	
		9		16			6		
937	9.798 281		9.907 393		0.092 607	9.890 889		063	
		10		15			6		
938	9.798 291		9.907 408		0.092 592	9.890 883		062	
		9		16			6		
939	9.798 300		9.907 424		0.092 576	9.890 877		061	
		10		15			7		
.940	9.798 310		9.907 439		0.092 561	9.890 870		.060	
		9		16			6		
941	9.798 319		9.907 455		0.092 545	9.890 864		059	
		9		15			6		
942	9.798 328		9.907 470		0.092 530	9.890 858		058	
		10		16			6		
943	9.798 338		9.907 486		0.092 514	9.890 852		057	
		9		15			6		
944	9.798 347		9.907 501		0.092 499	9.890 846		056	
		9		16			6		
945	9.798 356		9.907 517		0.092 483	9.890 840		055	
		10		15			6		
946	9.798 366		9.907 532		0.092 468	9.890 834		054	
		9		16			6		
947	9.798 375		9.907 548		0.092 452	9.890 828		053	
		10		15			7		
948	9.798 385		9.907 563		0.092 437	9.890 821		052	
		9		16			6		
949	9.798 394		9.907 579		0.092 421	9.890 815		051	
		9		15			6		
.950	9.798 403		9.907 594		0.092 406	9.890 809		.050	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.100 — 51°.050

38°.950 — 39°.000

38°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.798 403		9.907 594		0.092 406	9.890 809		.050	
		10		16			6		
951	9.798 413		9.907 610		0.092 390	9.890 803		049	
952	9.798 422	9	9.907 625	15	0.092 375	9.890 797	6	048	
953	9.798 431	9	9.907 641	16	0.092 359	9.890 791	6	047	
		10		15			6		
954	9.798 441		9.907 656	16	0.092 344	9.890 785	6	046	
955	9.798 450	9	9.907 672		0.092 328	9.890 779	6	045	
956	9.798 460	10	9.907 687	15	0.092 313	9.890 772	7	044	
		9		16			6		
957	9.798 469		9.907 703		0.092 297	9.890 766	6	043	
958	9.798 478	9	9.907 718	15	0.092 282	9.890 760	6	042	
959	9.798 488	10	9.907 734	16	0.092 266	9.890 754	6	041	
		9		15			6		
.960	9.798 497		9.907 749	16	0.092 251	9.890 748	6	.040	
		9							
961	9.798 506		9.907 765		0.092 235	9.890 742		039	
962	9.798 516	10	9.907 780	15	0.092 220	9.890 736	6	038	
963	9.798 525	9	9.907 796	16	0.092 204	9.890 730	6	037	
		10		15			7		
964	9.798 535		9.907 811	16	0.092 189	9.890 723	6	036	
965	9.798 544	9	9.907 827		0.092 173	9.890 717	6	035	
966	9.798 553	9	9.907 842	15	0.092 158	9.890 711	6	034	
		10		16			6		
967	9.798 563		9.907 858		0.092 142	9.890 705	6	033	
968	9.798 572	9	9.907 873	15	0.092 127	9.890 699	6	032	
969	9.798 581	9	9.907 889	16	0.092 111	9.890 693	6	031	
		10		15			6		
.970	9.798 591		9.907 904	16	0.092 096	9.890 687	6	.030	
		9							
971	9.798 600		9.907 920		0.092 080	9.890 681		029	
972	9.798 610	10	9.907 935	15	0.092 065	9.890 674	7	028	
973	9.798 619	9	9.907 951	16	0.092 049	9.890 668	6	027	
		9		15			6		
974	9.798 628		9.907 966		0.092 034	9.890 662	6	026	
975	9.798 638	10	9.907 982	16	0.092 018	9.890 656	6	025	
976	9.798 647	9	9.907 997	15	0.092 003	9.890 650	6	024	
		9		16			6		
977	9.798 656		9.908 013		0.091 987	9.890 644	6	023	
978	9.798 666	10	9.908 028	15	0.091 972	9.890 638	6	022	
979	9.798 675	9	9.908 044	16	0.091 956	9.890 631	7	021	
		10		15			6		
.980	9.798 685		9.908 059	16	0.091 941	9.890 625	6	.020	
		9							
981	9.798 694		9.908 075		0.091 925	9.890 619		019	
982	9.798 703	9	9.908 090	15	0.091 910	9.890 613	6	018	
983	9.798 713	10	9.908 106	16	0.091 894	9.890 607	6	017	
		9		15			6		
984	9.798 722		9.908 121		0.091 879	9.890 601	6	016	
985	9.798 731	9	9.908 137	16	0.091 863	9.890 595	6	015	
986	9.798 741	10	9.908 152	15	0.091 848	9.890 589	6	014	
		9		16			7		
987	9.798 750		9.908 168		0.091 832	9.890 582	6	013	
988	9.798 759	9	9.908 183	15	0.091 817	9.890 576	6	012	
989	9.798 769	10	9.908 199	16	0.091 801	9.890 570	6	011	
		9		15			6		
.990	9.798 778		9.908 214	16	0.091 786	9.890 564	6	.010	
		10							
991	9.798 788		9.908 230		0.091 770	9.890 558		009	
992	9.798 797	9	9.908 245	15	0.091 755	9.890 552	6	008	
993	9.798 806	9	9.908 261	16	0.091 739	9.890 546	6	007	
		10		15			7		
994	9.798 816		9.908 276		0.091 724	9.890 539	6	006	
995	9.798 825	9	9.908 292	16	0.091 708	9.890 533	6	005	
996	9.798 834	9	9.908 307	15	0.091 693	9.890 527	6	004	
		10		16			6		
997	9.798 844		9.908 323		0.091 677	9.890 521	6	003	
998	9.798 853	9	9.908 338	15	0.091 662	9.890 515	6	002	
999	9.798 862	9	9.908 354	16	0.091 646	9.890 509	6	001	
		10		15			6		
*000	9.798 872		9.908 369		0.091 631	9.890 503		.000	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.050 — 51°.000

39°.000 — 39°.050

39°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.798 872		9.908 369		0.091 631	9.890 503		***000**	
		9		16			7		
001	9.798 881		9.908 385		0.091 615	9.890 496	6	999	
002	9.798 891	10	9.908 400	15	0.091 600	9.890 490	6	998	
003	9.798 900	9	9.908 416	16	0.091 584	9.890 484	6	997	
		9		15			6		
004	9.798 909		9.908 431		0.091 569	9.890 478	6	996	
005	9.798 919	10	9.908 447	16	0.091 553	9.890 472	6	995	
006	9.798 928	9	9.908 462	15	0.091 538	9.890 466	6	994	
		9		16			6		
007	9.798 937		9.908 478		0.091 522	9.890 460	6	993	
008	9.798 947	10	9.908 493	15	0.091 507	9.890 453	7	992	
009	9.798 956	9	9.908 509	16	0.091 491	9.890 447	6	991	
		9		15			6		
.010	9.798 965		9.908 524		0.091 476	9.890 441		**.990**	
		10		16			6		
011	9.798 975		9.908 540		0.091 460	9.890 435	6	989	
012	9.798 984	9	9.908 555	15	0.091 445	9.890 429	6	988	
013	9.798 993	9	9.908 571	16	0.091 429	9.890 423	6	987	
		10		15			6		
014	9.799 003		9.908 586		0.091 414	9.890 417	7	986	
015	9.799 012	9	9.908 602	16	0.091 398	9.890 410	6	985	
016	9.799 022	10	9.908 617	15	0.091 383	9.890 404	6	984	
		9		16			6		
017	9.799 031		9.908 633		0.091 367	9.890 398	6	983	
018	9.799 040	9	9.908 648	15	0.091 352	9.890 392	6	982	
019	9.799 050	10	9.908 664	16	0.091 336	9.890 386	6	981	
		9		15			6		
.020	9.799 059		9.908 679		0.091 321	9.890 380		**.980**	
		9		16			6		
021	9.799 068		9.908 695		0.091 305	9.890 374	6	979	
022	9.799 078	10	9.908 710	15	0.091 290	9.890 368	6	978	
023	9.799 087	9	9.908 726	16	0.091 274	9.890 361	7	977	
		9		15			6		
024	9.799 096		9.908 741		0.091 259	9.890 355	6	976	
025	9.799 106	10	9.908 757	16	0.091 243	9.890 349	6	975	
026	9.799 115	9	9.908 772	15	0.091 228	9.890 343	6	974	
		9		16			6		
027	9.799 124		9.908 788		0.091 212	9.890 337	6	973	
028	9.799 134	10	9.908 803	15	0.091 197	9.890 331	7	972	
029	9.799 143	9	9.908 819	16	0.091 181	9.890 324	6	971	
		9		15			6		
.030	9.799 152		9.908 834		0.091 166	9.890 318		**.970**	
		10		16			6		
031	9.799 162		9.908 850		0.091 150	9.890 312	6	969	
032	9.799 171	9	9.908 865	15	0.091 135	9.890 306	6	968	
033	9.799 181	10	9.908 881	16	0.091 119	9.890 300	6	967	
		9		15			6		
034	9.799 190		9.908 896		0.091 104	9.890 294	6	966	
035	9.799 199	9	9.908 912	16	0.091 088	9.890 288	6	965	
036	9.799 209	10	9.908 927	15	0.091 073	9.890 281	7	964	
		9		16			6		
037	9.799 218		9.908 943		0.091 057	9.890 275	6	963	
038	9.799 227	9	9.908 958	15	0.091 042	9.890 269	6	962	
039	9.799 237	10	9.908 974	16	0.091 026	9.890 263	6	961	
		9		15			6		
.040	9.799 246		9.908 989		0.091 011	9.890 257		**.960**	
		9		16			6		
041	9.799 255		9.909 005		0.090 995	9.890 251	6	959	
042	9.799 265	10	9.909 020	15	0.090 980	9.890 245	6	958	
043	9.799 274	9	9.909 036	16	0.090 964	9.890 238	7	957	
		9		15			6		
044	9.799 283		9.909 051		0.090 949	9.890 232	6	956	
045	9.799 293	10	9.909 067	16	0.090 933	9.890 226	6	955	
046	9.799 302	9	9.909 082	15	0.090 918	9.890 220	6	954	
		9		16			6		
047	9.799 311		9.909 098		0.090 902	9.890 214	6	953	
048	9.799 321	10	9.909 113	15	0.090 887	9.890 208	6	952	
049	9.799 330	9	9.909 128	15	0.090 872	9.890 202	6	951	
		9		16			7		
.050	9.799 339		9.909 144		0.090 856	9.890 195		**.950**	
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.000 — 50°.950

39°.050 — 39°.100

39°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.799 339		9.909 144		0.090 856	9.890 195		.950	
		10		15			6		
051	9.799 349		9.909 159		0.090 841	9.890 189		949	
052	9.799 358	9	9.909 175	16	0.090 825	9.890 183	6	948	
053	9.799 367	9	9.909 190	15	0.090 810	9.890 177	6	947	
		10		16			6		
054	9.799 377		9.909 206		0.090 794	9.890 171		946	
055	9.799 386	9	9.909 221	15	0.090 779	9.890 165	6	945	
056	9.799 395	9	9.909 237	16	0.090 763	9.890 159	6	944	
		10		15			7		
057	9.799 405		9.909 252		0.090 748	9.890 152		943	
058	9.799 414	9	9.909 268	16	0.090 732	9.890 146	6	942	
059	9.799 423	9	9.909 283	15	0.090 717	9.890 140	6	941	
		10		16			6		
.060	9.799 433		9.909 299		0.090 701	9.890 134		.940	
		9		15			6		
061	9.799 442		9.909 314		0.090 686	9.890 128		939	
062	9.799 452	10	9.909 330	16	0.090 670	9.890 122	6	938	
063	9.799 461	9	9.909 345	15	0.090 655	9.890 115	7	937	
		9		16			6		
064	9.799 470		9.909 361		0.090 639	9.890 109		936	
065	9.799 480	10	9.909 376	15	0.090 624	9.890 103	6	935	
066	9.799 489	9	9.909 392	16	0.090 608	9.890 097	6	934	
		9		15			6		
067	9.799 498		9.909 407		0.090 593	9.890 091		933	
068	9.799 508	10	9.909 423	16	0.090 577	9.890 085	6	932	
069	9.799 517	9	9.909 438	15	0.090 562	9.890 079	6	931	
		9		16			7		
.070	9.799 526		9.909 454		0.090 546	9.890 072		.930	
		10		15			6		
071	9.799 536		9.909 469		0.090 531	9.890 066		929	
072	9.799 545	9	9.909 485	16	0.090 515	9.890 060	6	928	
073	9.799 554	9	9.909 500	15	0.090 500	9.890 054	6	927	
		10		16			6		
074	9.799 564		9.909 516		0.090 484	9.890 048		926	
075	9.799 573	9	9.909 531	15	0.090 469	9.890 042	6	925	
076	9.799 582	9	9.909 547	16	0.090 453	9.890 035	7	924	
		10		15			6		
077	9.799 592		9.909 562		0.090 438	9.890 029		923	
078	9.799 601	9	9.909 578	16	0.090 422	9.890 023	6	922	
079	9.799 610	9	9.909 593	15	0.090 407	9.890 017	6	921	
		10		16			6		
.080	9.799 620		9.909 609		0.090 391	9.890 011		.920	
		9		15			6		
081	9.799 629		9.909 624		0.090 376	9.890 005		919	
082	9.799 638	9	9.909 640	16	0.090 360	9.889 999	6	918	
083	9.799 648	10	9.909 655	15	0.090 345	9.889 992	7	917	
		9		16			6		
084	9.799 657		9.909 671		0.090 329	9.889 986		916	
085	9.799 666	9	9.909 686	15	0.090 314	9.889 980	6	915	
086	9.799 676	10	9.909 702	16	0.090 298	9.889 974	6	914	
		9		15			6		
087	9.799 685		9.909 717		0.090 283	9.889 968		913	
088	9.799 694	9	9.909 733	16	0.090 267	9.889 962	6	912	
089	9.799 704	10	9.909 748	15	0.090 252	9.889 955	7	911	
		9		16			6		
.090	9.799 713		9.909 764		0.090 236	9.889 949		.910	
		9		15			6		
091	9.799 722		9.909 779		0.090 221	9.889 943		909	
092	9.799 732	10	9.909 795	16	0.090 205	9.889 937	6	908	
093	9.799 741	9	9.909 810	15	0.090 190	9.889 931	6	907	
		9		16			6		
094	9.799 750		9.909 826		0.090 174	9.889 925		906	
095	9.799 760	10	9.909 841	15	0.090 159	9.889 918	7	905	
096	9.799 769	9	9.909 857	16	0.090 143	9.889 912	6	904	
		9		15			6		
097	9.799 778		9.909 872		0.090 128	9.889 906		903	
098	9.799 788	10	9.909 888	16	0.090 112	9.889 900	6	902	
099	9.799 797	9	9.909 903	15	0.090 097	9.889 894	6	901	
		9		15			6		
.100	9.799 806		9.909 918		0.090 082	9.889 888		.900	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.950 — 50°.900

39°.100 — 39°.150

39°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.799 806		9.909 918		0.090 082	9.889 888		**.900**	
		9		16			6		
101	9.799 815		9.909 934		0.090 066	9.889 882		899	
102	9.799 825	10	9.909 949	15	0.090 051	9.889 875	7	898	
103	9.799 834	9	9.909 965	16	0.090 035	9.889 869	6	897	
		9		15			6		
104	9.799 843		9.909 980		0.090 020	9.889 863		896	
105	9.799 853	10	9.909 996	16	0.090 004	9.889 857	6	895	
106	9.799 862	9	9.910 011	15	0.089 989	9.889 851	6	894	
		9		16			6		
107	9.799 871		9.910 027		0.089 973	9.889 845		893	
108	9.799 881	10	9.910 042	15	0.089 958	9.889 838	7	892	
109	9.799 890	9	9.910 058	16	0.089 942	9.889 832	6	891	
		9		15			6		
.110	9.799 899		9.910 073		0.089 927	9.889 826		**.890**	
		10		16			6		
111	9.799 909		9.910 089		0.089 911	9.889 820		889	
112	9.799 918	9	9.910 104	15	0.089 896	9.889 814	6	888	
113	9.799 927	9	9.910 120	16	0.089 880	9.889 808	6	887	
		10		15			7		
114	9.799 937		9.910 135		0.089 865	9.889 801		886	
115	9.799 946	9	9.910 151	16	0.089 849	9.889 795	6	885	
116	9.799 955	9	9.910 166	15	0.089 834	9.889 789	6	884	
		10		16			6		
117	9.799 965		9.910 182		0.089 818	9.889 783		883	
118	9.799 974	9	9.910 197	15	0.089 803	9.889 777	6	882	
119	9.799 983	9	9.910 213	16	0.089 787	9.889 771	6	881	
		10		15			7		
.120	9.799 993		9.910 228		0.089 772	9.889 764		**.880**	
		9		16			6		
121	9.800 002		9.910 244		0.089 756	9.889 758		879	
122	9.800 011	9	9.910 259	15	0.089 741	9.889 752	6	878	
123	9.800 021	10	9.910 275	16	0.089 725	9.889 746	6	877	
		9		15			6		
124	9.800 030		9.910 290		0.089 710	9.889 740		876	
125	9.800 039	9	9.910 306	16	0.089 694	9.889 734	6	875	
126	9.800 049	10	9.910 321	15	0.089 679	9.889 727	7	874	
		9		16			6		
127	9.800 058		9.910 337		0.089 663	9.889 721		873	
128	9.800 067	9	9.910 352	15	0.089 648	9.889 715	6	872	
129	9.800 077	10	9.910 368	16	0.089 632	9.889 709	6	871	
		9		15			6		
.130	9.800 086		9.910 383		0.089 617	9.889 703		**.870**	
		9		16			6		
131	9.800 095		9.910 399		0.089 601	9.889 697		869	
132	9.800 104	9	9.910 414	15	0.089 586	9.889 690	7	868	
133	9.800 114	10	9.910 429	15	0.089 571	9.889 684	6	867	
		9		16			6		
134	9.800 123		9.910 445		0.089 555	9.889 678		866	
135	9.800 132	9	9.910 460	15	0.089 540	9.889 672	6	865	
136	9.800 142	10	9.910 476	16	0.089 524	9.889 666	6	864	
		9		15			6		
137	9.800 151		9.910 491		0.089 509	9.889 660		863	
138	9.800 160	9	9.910 507	16	0.089 493	9.889 653	7	862	
139	9.800 170	10	9.910 522	15	0.089 478	9.889 647	6	861	
		9		16			6		
.140	9.800 179		9.910 538		0.089 462	9.889 641		**.860**	
		9		15			6		
141	9.800 188		9.910 553		0.089 447	9.889 635		859	
142	9.800 198	10	9.910 569	16	0.089 431	9.889 629	6	858	
143	9.800 207	9	9.910 584	15	0.089 416	9.889 623	6	857	
		9		16			7		
144	9.800 216		9.910 600		0.089 400	9.889 616		856	
145	9.800 226	10	9.910 615	15	0.089 385	9.889 610	6	855	
146	9.800 235	9	9.910 631	16	0.089 369	9.889 604	6	854	
		9		15			6		
147	9.800 244		9.910 646		0.089 354	9.889 598		853	
148	9.800 253	9	9.910 662	16	0.089 338	9.889 592	6	852	
149	9.800 263	10	9.910 677	15	0.089 323	9.889 586	6	851	
		9		16			7		
.150	9.800 272		9.910 693		0.089 307	9.889 579		**.850**	
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.900 — 50°.850

39°.150 — 39°.200

39°	sin	d	tang	d	cotg	cos	d		P.P.		
.150	9.800 272		9.910 693		0.089 307	9.889 579		**.850**			
		9		15			6				
151	9.800 281		9.910 708		0.089 292	9.889 573		849			
		10		16			6				
152	9.800 291		9.910 724		0.089 276	9.889 567		848			
		9		15			6				
153	9.800 300		9.910 739		0.089 261	9.889 561		847			
		9		16			6				
154	9.800 309		9.910 755		0.089 245	9.889 555		846			
		10		15			6				
155	9.800 319		9.910 770		0.089 230	9.889 549		845			
		9		16			7				
156	9.800 328		9.910 786		0.089 214	9.889 542		844			
		9		15			6				
157	9.800 337		9.910 801		0.089 199	9.889 536		843			
		10		16			6				
158	9.800 347		9.910 817		0.089 183	9.889 530		842			
		9		15			6				
159	9.800 356		9.910 832		0.089 168	9.889 524		841			
		9		15			6				
.160	9.800 365		9.910 847		0.089 153	9.889 518		**.840**			
		10		16			6				
161	9.800 375		9.910 863		0.089 137	9.889 512		839			
		9		15			7				
162	9.800 384		9.910 878		0.089 122	9.889 505		838			
		9		16			6				
163	9.800 393		9.910 894		0.089 106	9.889 499		837			
		9		15			6				
164	9.800 402		9.910 909		0.089 091	9.889 493		836			
		10		16			6				
165	9.800 412		9.910 925		0.089 075	9.889 487		835			
		9		15			6				
166	9.800 421		9.910 940		0.089 060	9.889 481		834			
		9		16			7				
167	9.800 430		9.910 956		0.089 044	9.889 474		833			
		10		15			6				
168	9.800 440		9.910 971		0.089 029	9.889 468		832			
		9		16			6				
169	9.800 449		9.910 987		0.089 013	9.889 462		831			
		9		15			6				
.170	9.800 458		9.911 002		0.088 998	9.889 456		**.830**			
		10		16			6				
171	9.800 468		9.911 018		0.088 982	9.889 450		829			
		9		15			6				
172	9.800 477		9.911 033		0.088 967	9.889 444		828			
		9		16			7				
173	9.800 486		9.911 049		0.088 951	9.889 437		827			
		9		15			6				
174	9.800 495		9.911 064		0.088 936	9.889 431		826			
		10		16			6				
175	9.800 505		9.911 080		0.088 920	9.889 425		825			
		9		15			6				
176	9.800 514		9.911 095		0.088 905	9.889 419		824			
		9		16			6				
177	9.800 523		9.911 111		0.088 889	9.889 413		823			
		10		15			6				
178	9.800 533		9.911 126		0.088 874	9.889 407		822			
		9		16			7				
179	9.800 542		9.911 142		0.088 858	9.889 400		821			
		9		15			6				
.180	9.800 551		9.911 157		0.088 843	9.889 394		**.820**			
		10		16			6				
181	9.800 561		9.911 173		0.088 827	9.889 388		819			
		9		15			6				
182	9.800 570		9.911 188		0.088 812	9.889 382		818			
		9		16			6				
183	9.800 579		9.911 204		0.088 796	9.889 376		817			
		9		15			7				
184	9.800 588		9.911 219		0.088 781	9.889 369		816			
		10		15			6				
185	9.800 598		9.911 234		0.088 766	9.889 363		815			
		9		16			6				
186	9.800 607		9.911 250		0.088 750	9.889 357		814			
		9		15			6				
187	9.800 616		9.911 265		0.088 735	9.889 351		813			
		10		16			6				
188	9.800 626		9.911 281		0.088 719	9.889 345		812			
		9		15			6				
189	9.800 635		9.911 296		0.088 704	9.889 339		811			
		9		16			7				
.190	9.800 644		9.911 312		0.088 688	9.889 332		**.810**			
		10		15			6				
191	9.800 654		9.911 327		0.088 673	9.889 326		809			
		9		16			6				
192	9.800 663		9.911 343		0.088 657	9.889 320		808			
		9		15			6				
193	9.800 672		9.911 358		0.088 642	9.889 314		807			
		9		16			6				
194	9.800 681		9.911 374		0.088 626	9.889 308		806			
		10		15			6				
195	9.800 691		9.911 389		0.088 611	9.889 302		805			
		9		16			7				
196	9.800 700		9.911 405		0.088 595	9.889 295		804			
		9		15			6				
197	9.800 709		9.911 420		0.088 580	9.889 289		803			
		10		16			6				
198	9.800 719		9.911 436		0.088 564	9.889 283		802			
		9		15			6				
199	9.800 728		9.911 451		0.088 549	9.889 277		801			
		9		16			6				
.200	9.800 737		9.911 467		0.088 533	9.889 271		**.800**			
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.		

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.850 — 50°.800

39°.200 — 39°.250

39°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.800 737		9.911 467		0.088 533	9.889 271		.800	
		10		15			7		
201	9.800 747		9.911 482		0.088 518	9.889 264		799	
		9		16			6		
202	9.800 756		9.911 498		0.088 502	9.889 258		798	
		9		15			6		
203	9.800 765		9.911 513		0.088 487	9.889 252		797	
		9		16			6		
204	9.800 774		9.911 529		0.088 471	9.889 246		796	
		10		15			6		
205	9.800 784		9.911 544		0.088 456	9.889 240		795	
		9		15			7		
206	9.800 793		9.911 559		0.088 441	9.889 233		794	
		9		16			6		
207	9.800 802		9.911 575		0.088 425	9.889 227		793	
		10		15			6		
208	9.800 812		9.911 590		0.088 410	9.889 221		792	
		9		16			6		
209	9.800 821		9.911 606		0.088 394	9.889 215		791	
		9		15			6		
.210	9.800 830		9.911 621		0.088 379	9.889 209		.790	
		9		16			6		
211	9.800 839		9.911 637		0.088 363	9.889 203		789	
		10		15			7		
212	9.800 849		9.911 652		0.088 348	9.889 196		788	
		9		16			6		
213	9.800 858		9.911 668		0.088 332	9.889 190		787	
		9		15			6		
214	9.800 867		9.911 683		0.088 317	9.889 184		786	
		10		16			6		
215	9.800 877		9.911 699		0.088 301	9.889 178		785	
		9		15			6		
216	9.800 886		9.911 714		0.088 286	9.889 172		784	
		9		16			7		
217	9.800 895		9.911 730		0.088 270	9.889 165		783	
		9		15			6		
218	9.800 904		9.911 745		0.088 255	9.889 159		782	
		10		16			6		
219	9.800 914		9.911 761		0.088 239	9.889 153		781	
		9		15			6		
.220	9.800 923		9.911 776		0.088 224	9.889 147		.780	
		9		16			6		
221	9.800 932		9.911 792		0.088 208	9.889 141		779	
		10		15			6		
222	9.800 942		9.911 807		0.088 193	9.889 135		778	
		9		16			7		
223	9.800 951		9.911 823		0.088 177	9.889 128		777	
		9		15			6		
224	9.800 960		9.911 838		0.088 162	9.889 122		776	
		9		15			6		
225	9.800 969		9.911 853		0.088 147	9.889 116		775	
		10		16			6		
226	9.800 979		9.911 869		0.088 131	9.889 110		774	
		9		15			6		
227	9.800 988		9.911 884		0.088 116	9.889 104		773	
		9		16			7		
228	9.800 997		9.911 900		0.088 100	9.889 097		772	
		10		15			6		
229	9.801 007		9.911 915		0.088 085	9.889 091		771	
		9		16			6		
.230	9.801 016		9.911 931		0.088 069	9.889 085		.770	
		9		15			6		
231	9.801 025		9.911 946		0.088 054	9.889 079		769	
		9		16			6		
232	9.801 034		9.911 962		0.088 038	9.889 073		768	
		10		15			7		
233	9.801 044		9.911 977		0.088 023	9.889 066		767	
		9		16			6		
234	9.801 053		9.911 993		0.088 007	9.889 060		766	
		9		15			6		
235	9.801 062		9.912 008		0.087 992	9.889 054		765	
		10		16			6		
236	9.801 072		9.912 024		0.087 976	9.889 048		764	
		9		15			6		
237	9.801 081		9.912 039		0.087 961	9.889 042		763	
		9		16			6		
238	9.801 090		9.912 055		0.087 945	9.889 036		762	
		9		15			7		
239	9.801 099		9.912 070		0.087 930	9.889 029		761	
		10		16			6		
.240	9.801 109		9.912 086		0.087 914	9.889 023		.760	
		9		15			6		
241	9.801 118		9.912 101		0.087 899	9.889 017		759	
		9		16			6		
242	9.801 127		9.912 117		0.087 883	9.889 011		758	
		10		15			6		
243	9.801 137		9.912 132		0.087 868	9.889 005		757	
		9		15			7		
244	9.801 146		9.912 147		0.087 853	9.888 998		756	
		9		16			6		
245	9.801 155		9.912 163		0.087 837	9.888 992		755	
		9		15			6		
246	9.801 164		9.912 178		0.087 822	9.888 986		754	
		10		16			6		
247	9.801 174		9.912 194		0.087 806	9.888 980		753	
		9		15			6		
248	9.801 183		9.912 209		0.087 791	9.888 974		752	
		9		16			7		
249	9.801 192		9.912 225		0.087 775	9.888 967		751	
		9		15			6		
.250	9.801 201		9.912 240		0.087 760	9.888 961		.750	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
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2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.800 — 50°.750

39°.250 — 39°.300

39°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.801 201		9.912 240		0.087 760	9.888 961		**.750**	
		10		16			6		
251	9.801 211		9.912 256		0.087 744	9.888 955		749	
252	9.801 220	9	9.912 271	15	0.087 729	9.888 949	6	748	
253	9.801 229	9	9.912 287	16	0.087 713	9.888 943	6	747	
		10		15			7		
254	9.801 239		9.912 302	16	0.087 698	9.888 936	6	746	
255	9.801 248	9	9.912 318	15	0.087 682	9.888 930	6	745	
256	9.801 257	9	9.912 333	16	0.087 667	9.888 924	6	744	
		9		15			6		
257	9.801 266		9.912 349	16	0.087 651	9.888 918	6	743	
258	9.801 276	10	9.912 364	15	0.087 636	9.888 912	6	742	
259	9.801 285	9	9.912 380	16	0.087 620	9.888 905	7	741	
		9		15			6		
.260	9.801 294		9.912 395		0.087 605	9.888 899		**.740**	
		10		15			6		
261	9.801 304		9.912 410	16	0.087 590	9.888 893	6	739	
262	9.801 313	9	9.912 426	15	0.087 574	9.888 887	6	738	
263	9.801 322	9	9.912 441	16	0.087 559	9.888 881	6	737	
		9		15			7		
264	9.801 331		9.912 457	16	0.087 543	9.888 874	6	736	
265	9.801 341	10	9.912 472	15	0.087 528	9.888 868	6	735	
266	9.801 350	9	9.912 488	16	0.087 512	9.888 862	6	734	
		9		15			6		
267	9.801 359		9.912 503	16	0.087 497	9.888 856	6	733	
268	9.801 368	9	9.912 519	15	0.087 481	9.888 850	6	732	
269	9.801 378	10	9.912 534	16	0.087 466	9.888 844	6	731	
		9		15			7		
.270	9.801 387		9.912 550		0.087 450	9.888 837		**.730**	
		9		15			6		
271	9.801 396		9.912 565	16	0.087 435	9.888 831	6	729	
272	9.801 406	10	9.912 581	15	0.087 419	9.888 825	6	728	
273	9.801 415	9	9.912 596	16	0.087 404	9.888 819	6	727	
		9		15			6		
274	9.801 424		9.912 612	16	0.087 388	9.888 813	6	726	
275	9.801 433	9	9.912 627	15	0.087 373	9.888 806	7	725	
276	9.801 443	10	9.912 642	15	0.087 358	9.888 800	6	724	
		9		16			6		
277	9.801 452		9.912 658	15	0.087 342	9.888 794	6	723	
278	9.801 461	9	9.912 673	16	0.087 327	9.888 788	6	722	
279	9.801 470	9	9.912 689	15	0.087 311	9.888 782	6	721	
		10		16			7		
.280	9.801 480		9.912 704		0.087 296	9.888 775		**.720**	
		9		16			6		
281	9.801 489		9.912 720	15	0.087 280	9.888 769	6	719	
282	9.801 498	9	9.912 735	16	0.087 265	9.888 763	6	718	
283	9.801 507	9	9.912 751	15	0.087 249	9.888 757	6	717	
		10		16			7		
284	9.801 517		9.912 766	15	0.087 234	9.888 751	6	716	
285	9.801 526	9	9.912 782	16	0.087 218	9.888 744	6	715	
286	9.801 535	9	9.912 797	15	0.087 203	9.888 738	6	714	
		10		16			6		
287	9.801 545		9.912 813	15	0.087 187	9.888 732	6	713	
288	9.801 554	9	9.912 828	16	0.087 172	9.888 726	6	712	
289	9.801 563	9	9.912 844	15	0.087 156	9.888 720	7	711	
		9		15			6		
.290	9.801 572		9.912 859		0.087 141	9.888 713		**.710**	
		10		16			6		
291	9.801 582		9.912 874	16	0.087 126	9.888 707	6	709	
292	9.801 591	9	9.912 890	15	0.087 110	9.888 701	6	708	
293	9.801 600	9	9.912 905	16	0.087 095	9.888 695	6	707	
		9		15			7		
294	9.801 609		9.912 921	16	0.087 079	9.888 689	6	706	
295	9.801 619	10	9.912 936	15	0.087 064	9.888 682	6	705	
296	9.801 628	9	9.912 952	16	0.087 048	9.888 676	6	704	
		9		15			6		
297	9.801 637		9.912 967	16	0.087 033	9.888 670	6	703	
298	9.801 646	9	9.912 983	15	0.087 017	9.888 664	7	702	
299	9.801 656	10	9.912 998	16	0.087 002	9.888 657	6	701	
		9							
.300	9.801 665		9.913 014		0.086 986	9.888 651		**.700**	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.750 — 50°.700

39°.300 — 39°.350

39°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.801 665		9.913 014		0.086 986	9.888 651		.700	
		9		15			6		
301	9.801 674		9.913 029		0.086 971	9.888 645		699	
302	9.801 683	9	9.913 045	16	0.086 955	9.888 639	6	698	
303	9.801 693	10	9.913 060	15	0.086 940	9.888 633	6	697	
		9		16			7		
304	9.801 702		9.913 076		0.086 924	9.888 626		696	
305	9.801 711	9	9.913 091	15	0.086 909	9.888 620	6	695	
306	9.801 721	10	9.913 106	15	0.086 894	9.888 614	6	694	
		9		16			6		
307	9.801 730		9.913 122		0.086 878	9.888 608		693	
308	9.801 739	9	9.913 137	15	0.086 863	9.888 602	6	692	
309	9.801 748	9	9.913 153	16	0.086 847	9.888 595	7	691	
		10		15			6		
.310	9.801 758		9.913 168		0.086 832	9.888 589		.690	
		9		16			6		
311	9.801 767		9.913 184		0.086 816	9.888 583		689	
312	9.801 776	9	9.913 199	15	0.086 801	9.888 577	6	688	
313	9.801 785	9	9.913 215	16	0.086 785	9.888 571	6	687	
		10		15			7		
314	9.801 795		9.913 230		0.086 770	9.888 564		686	
315	9.801 804	9	9.913 246	16	0.086 754	9.888 558	6	685	
316	9.801 813	9	9.913 261	15	0.086 739	9.888 552	6	684	
		9		16			6		
317	9.801 822		9.913 277		0.086 723	9.888 546		683	
318	9.801 832	10	9.913 292	15	0.086 708	9.888 540	6	682	
319	9.801 841	9	9.913 307	15	0.086 693	9.888 533	7	681	
		9		16			6		
.320	9.801 850		9.913 323		0.086 677	9.888 527		.680	
		9		15			6		
321	9.801 859		9.913 338		0.086 662	9.888 521		679	
322	9.801 869	10	9.913 354	16	0.086 646	9.888 515	6	678	
323	9.801 878	9	9.913 369	15	0.086 631	9.888 509	6	677	
		9		16			7		
324	9.801 887		9.913 385		0.086 615	9.888 502		676	
325	9.801 896	9	9.913 400	15	0.086 600	9.888 496	6	675	
326	9.801 906	10	9.913 416	16	0.086 584	9.888 490	6	674	
		9		15			6		
327	9.801 915		9.913 431		0.086 569	9.888 484		673	
328	9.801 924	9	9.913 447	16	0.086 553	9.888 477	7	672	
329	9.801 933	9	9.913 462	15	0.086 538	9.888 471	6	671	
		10		16			6		
.330	9.801 943		9.913 478		0.086 522	9.888 465		.670	
		9		15			6		
331	9.801 952		9.913 493		0.086 507	9.888 459		669	
332	9.801 961	9	9.913 508	15	0.086 492	9.888 453	6	668	
333	9.801 970	9	9.913 524	16	0.086 476	9.888 446	7	667	
		10		15			6		
334	9.801 980		9.913 539		0.086 461	9.888 440		666	
335	9.801 989	9	9.913 555	16	0.086 445	9.888 434	6	665	
336	9.801 998	9	9.913 570	15	0.086 430	9.888 428	6	664	
		9		16			6		
337	9.802 007		9.913 586		0.086 414	9.888 422		663	
338	9.802 017	10	9.913 601	15	0.086 399	9.888 415	7	662	
339	9.802 026	9	9.913 617	16	0.086 383	9.888 409	6	661	
		9		15			6		
.340	9.802 035		9.913 632		0.086 368	9.888 403		.660	
		9		16			6		
341	9.802 044		9.913 648		0.086 352	9.888 397		659	
342	9.802 054	10	9.913 663	15	0.086 337	9.888 391	6	658	
343	9.802 063	9	9.913 679	16	0.086 321	9.888 384	7	657	
		9		15			6		
344	9.802 072		9.913 694		0.086 306	9.888 378		656	
345	9.802 081	9	9.913 709	15	0.086 291	9.888 372	6	655	
346	9.802 091	10	9.913 725	16	0.086 275	9.888 366	6	654	
		9		15			7		
347	9.802 100		9.913 740		0.086 260	9.888 359		653	
348	9.802 109	9	9.913 756	16	0.086 244	9.888 353	6	652	
349	9.802 118	9	9.913 771	15	0.086 229	9.888 347	6	651	
		10		16			6		
.350	9.802 128		9.913 787		0.086 213	9.888 341		.650	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.700 — 50°.650

39°.350 — 39°.400

39°	sin	d	tang	d	cotg	cos	d		P.P.		
.350	9.802 128		9.913 787		0.086 213	9.888 341		**.650**			
		9		15			6				
351	9.802 137		9.913 802		0.086 198	9.888 335		649			
352	9.802 146	9	9.913 818	16	0.086 182	9.888 328	7	648			
353	9.802 155	9	9.913 833	15	0.086 167	9.888 322	6	647			
		10		16			6				
354	9.802 165		9.913 849		0.086 151	9.888 316	6	646			
355	9.802 174	9	9.913 864	15	0.086 136	9.888 310	6	645			
356	9.802 183	9	9.913 880	16	0.086 120	9.888 304	6	644			
		9		15			7				
357	9.802 192		9.913 895		0.086 105	9.888 297	6	643			
358	9.802 202	10	9.913 910	15	0.086 090	9.888 291	6	642			
359	9.802 211	9	9.913 926	16	0.086 074	9.888 285	6	641			
		9		15			6				
.360	9.802 220		9.913 941		0.086 059	9.888 279		**.640**			
		9		16			7				
361	9.802 229		9.913 957		0.086 043	9.888 272	6	639			
362	9.802 238	9	9.913 972	15	0.086 028	9.888 266	6	638			
363	9.802 248	10	9.913 988	16	0.086 012	9.888 260	6	637			
		9		15			6				
364	9.802 257		9.914 003		0.085 997	9.888 254	6	636			
365	9.802 266	9	9.914 019	16	0.085 981	9.888 248	6	635			
366	9.802 275	9	9.914 034	15	0.085 966	9.888 241	7	634			
		10		16			6				
367	9.802 285		9.914 050		0.085 950	9.888 235	6	633			
368	9.802 294	9	9.914 065	15	0.085 935	9.888 229	6	632			
369	9.802 303	9	9.914 080	15	0.085 920	9.888 223	6	631			
		9		16			7				
.370	9.802 312		9.914 096		0.085 904	9.888 216	6	**.630**			
		10		15			6				
371	9.802 322		9.914 111		0.085 889	9.888 210	6	629			
372	9.802 331	9	9.914 127	16	0.085 873	9.888 204	6	628			
373	9.802 340	9	9.914 142	15	0.085 858	9.888 198	6	627			
		9		16			6				
374	9.802 349		9.914 158		0.085 842	9.888 192	6	626			
375	9.802 359	10	9.914 173	15	0.085 827	9.888 185	7	625			
376	9.802 368	9	9.914 189	16	0.085 811	9.888 179	6	624			
		9		15			6				
377	9.802 377		9.914 204		0.085 796	9.888 173	6	623			
378	9.802 386	9	9.914 220	16	0.085 780	9.888 167	6	622			
379	9.802 396	10	9.914 235	15	0.085 765	9.888 160	7	621			
		9		15			6				
.380	9.802 405		9.914 250		0.085 750	9.888 154		**.620**			
		9		16			6				
381	9.802 414		9.914 266		0.085 734	9.888 148	6	619			
382	9.802 423	9	9.914 281	15	0.085 719	9.888 142	6	618			
383	9.802 432	9	9.914 297	16	0.085 703	9.888 136	6	617			
		10		15			7				
384	9.802 442		9.914 312		0.085 688	9.888 129	6	616			
385	9.802 451	9	9.914 328	16	0.085 672	9.888 123	6	615			
386	9.802 460	9	9.914 343	15	0.085 657	9.888 117	6	614			
		9		16			6				
387	9.802 469		9.914 359		0.085 641	9.888 111	6	613			
388	9.802 479	10	9.914 374	15	0.085 626	9.888 104	7	612			
389	9.802 488	9	9.914 390	16	0.085 610	9.888 098	6	611			
		9		15			6				
.390	9.802 497		9.914 405		0.085 595	9.888 092		**.610**			
		9		16			6				
391	9.802 506		9.914 421		0.085 579	9.888 086	6	609			
392	9.802 516	10	9.914 436	15	0.085 564	9.888 080	6	608			
393	9.802 525	9	9.914 451	15	0.085 549	9.888 073	7	607			
		9		16			6				
394	9.802 534		9.914 467		0.085 533	9.888 067	6	606			
395	9.802 543	9	9.914 482	15	0.085 518	9.888 061	6	605			
396	9.802 552	9	9.914 498	16	0.085 502	9.888 055	6	604			
		10		15			7				
397	9.802 562		9.914 513		0.085 487	9.888 048	6	603			
398	9.802 571	9	9.914 529	16	0.085 471	9.888 042	6	602			
399	9.802 580	9	9.914 544	15	0.085 456	9.888 036	6	601			
		9		16			6				
.400	9.802 589		9.914 560		0.085 440	9.888 030		**.600**			
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.		

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.650 — 50°.600

39°.400 — 39°.450

39°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.802 589		9.914 560		0.085 440	9.888 030		.600	
		10		15			6		
401	9.802 599		9.914 575		0.085 425	9.888 024		599	
402	9.802 608	9	9.914 591	16	0.085 409	9.888 017	7	598	
403	9.802 617	9	9.914 606	15	0.085 394	9.888 011	6	597	
		9		15			6		
404	9.802 626		9.914 621		0.085 379	9.888 005		596	
405	9.802 636	10	9.914 637	16	0.085 363	9.887 999	6	595	
406	9.802 645	9	9.914 652	15	0.085 348	9.887 992	7	594	
		9		16			6		
407	9.802 654		9.914 668		0.085 332	9.887 986		593	
408	9.802 663	9	9.914 683	15	0.085 317	9.887 980	6	592	
409	9.802 672	9	9.914 699	16	0.085 301	9.887 974	6	591	
		10		15			6		
.410	9.802 682		9.914 714		0.085 286	9.887 968		.590	
		9		16			7		
411	9.802 691		9.914 730		0.085 270	9.887 961	6	589	
412	9.802 700	9	9.914 745	15	0.085 255	9.887 955	6	588	
413	9.802 709	9	9.914 760	15	0.085 240	9.887 949	6	587	
		10		16			6		
414	9.802 719		9.914 776		0.085 224	9.887 943		586	
415	9.802 728	9	9.914 791	15	0.085 209	9.887 936	7	585	
416	9.802 737	9	9.914 807	16	0.085 193	9.887 930	6	584	
		9		15			6		
417	9.802 746		9.914 822		0.085 178	9.887 924		583	
418	9.802 755	9	9.914 838	16	0.085 162	9.887 918	6	582	
419	9.802 765	10	9.914 853	15	0.085 147	9.887 911	7	581	
		9		16			6		
.420	9.802 774		9.914 869		0.085 131	9.887 905		.580	
		9		15			6		
421	9.802 783		9.914 884		0.085 116	9.887 899		579	
422	9.802 792	9	9.914 900	16	0.085 100	9.887 893	6	578	
423	9.802 802	10	9.914 915	15	0.085 085	9.887 887	6	577	
		9		15			7		
424	9.802 811		9.914 930		0.085 070	9.887 880		576	
425	9.802 820	9	9.914 946	16	0.085 054	9.887 874	6	575	
426	9.802 829	9	9.914 961	15	0.085 039	9.887 868	6	574	
		9		16			6		
427	9.802 838		9.914 977		0.085 023	9.887 862		573	
428	9.802 848	10	9.914 992	15	0.085 008	9.887 855	7	572	
429	9.802 857	9	9.915 008	16	0.084 992	9.887 849	6	571	
		9		15			6		
.430	9.802 866		9.915 023		0.084 977	9.887 843		.570	
		9		16			6		
431	9.802 875		9.915 039		0.084 961	9.887 837		569	
432	9.802 885	10	9.915 054	15	0.084 946	9.887 830	7	568	
433	9.802 894	9	9.915 070	16	0.084 930	9.887 824	6	567	
		9		15			6		
434	9.802 903		9.915 085		0.084 915	9.887 818		566	
435	9.802 912	9	9.915 100	15	0.084 900	9.887 812	6	565	
436	9.802 921	9	9.915 116	16	0.084 884	9.887 805	7	564	
		10		15			6		
437	9.802 931		9.915 131		0.084 869	9.887 799		563	
438	9.802 940	9	9.915 147	16	0.084 853	9.887 793	6	562	
439	9.802 949	9	9.915 162	15	0.084 838	9.887 787	6	561	
		9		16			6		
.440	9.802 958		9.915 178		0.084 822	9.887 781		.560	
		9		15			7		
441	9.802 967		9.915 193		0.084 807	9.887 774		559	
442	9.802 977	10	9.915 209	16	0.084 791	9.887 768	6	558	
443	9.802 986	9	9.915 224	15	0.084 776	9.887 762	6	557	
		9		15			6		
444	9.802 995		9.915 239		0.084 761	9.887 756		556	
445	9.803 004	9	9.915 255	16	0.084 745	9.887 749	7	555	
446	9.803 014	10	9.915 270	15	0.084 730	9.887 743	6	554	
		9		16			6		
447	9.803 023		9.915 286		0.084 714	9.887 737		553	
448	9.803 032	9	9.915 301	15	0.084 699	9.887 731	6	552	
449	9.803 041	9	9.915 317	16	0.084 683	9.887 724	7	551	
		9		15			6		
.450	9.803 050		9.915 332		0.084 668	9.887 718		.550	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.600 — 50°.550

39°.450 — 39°.500

39°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.803 050		9.915 332		0.084 668	9.887 718		**.550**	
		10		16			6		
451	9.803 060		9.915 348		0.084 652	9.887 712		549	
452	9.803 069	9	9.915 363	15	0.084 637	9.887 706	6	548	
453	9.803 078	9	9.915 379	16	0.084 621	9.887 699	7	547	
		9		15			6		
454	9.803 087		9.915 394		0.084 606	9.887 693		546	
455	9.803 096	9	9.915 409	15	0.084 591	9.887 687	6	545	
456	9.803 106	10	9.915 425	16	0.084 575	9.887 681	6	544	
		9		15			6		
457	9.803 115		9.915 440		0.084 560	9.887 675		543	
458	9.803 124	9	9.915 456	16	0.084 544	9.887 668	7	542	
459	9.803 133	9	9.915 471	15	0.084 529	9.887 662	6	541	
		9		16			6		
.460	9.803 142		9.915 487		0.084 513	9.887 656		**.540**	
		10		15			6		
461	9.803 152		9.915 502		0.084 498	9.887 650		539	
462	9.803 161	9	9.915 518	16	0.084 482	9.887 643	7	538	
463	9.803 170	9	9.915 533	15	0.084 467	9.887 637	6	537	
		9		15			6		
464	9.803 179		9.915 548		0.084 452	9.887 631		536	
465	9.803 188	9	9.915 564	16	0.084 436	9.887 625	6	535	
466	9.803 198	10	9.915 579	15	0.084 421	9.887 618	7	534	
		9		16			6		
467	9.803 207		9.915 595		0.084 405	9.887 612		533	
468	9.803 216	9	9.915 610	15	0.084 390	9.887 606	6	532	
469	9.803 225	9	9.915 626	16	0.084 374	9.887 600	6	531	
		10		15			7		
.470	9.803 235		9.915 641		0.084 359	9.887 593		**.530**	
		9		16			6		
471	9.803 244		9.915 657		0.084 343	9.887 587		529	
472	9.803 253	9	9.915 672	15	0.084 328	9.887 581	6	528	
473	9.803 262	9	9.915 687	15	0.084 313	9.887 575	6	527	
		9		16			7		
474	9.803 271		9.915 703		0.084 297	9.887 568		526	
475	9.803 281	10	9.915 718	15	0.084 282	9.887 562	6	525	
476	9.803 290	9	9.915 734	16	0.084 266	9.887 556	6	524	
		9		15			6		
477	9.803 299		9.915 749		0.084 251	9.887 550		523	
478	9.803 308	9	9.915 765	16	0.084 235	9.887 543	7	522	
479	9.803 317	9	9.915 780	15	0.084 220	9.887 537	6	521	
		10		16			6		
.480	9.803 327		9.915 796		0.084 204	9.887 531		**.520**	
		9		15			6		
481	9.803 336		9.915 811		0.084 189	9.887 525		519	
482	9.803 345	9	9.915 826	15	0.084 174	9.887 518	7	518	
483	9.803 354	9	9.915 842	16	0.084 158	9.887 512	6	517	
		9		15			6		
484	9.803 363		9.915 857		0.084 143	9.887 506		516	
485	9.803 373	10	9.915 873	16	0.084 127	9.887 500	6	515	
486	9.803 382	9	9.915 888	15	0.084 112	9.887 494	6	514	
		9		16			7		
487	9.803 391		9.915 904		0.084 096	9.887 487		513	
488	9.803 400	9	9.915 919	15	0.084 081	9.887 481	6	512	
489	9.803 409	9	9.915 935	16	0.084 065	9.887 475	6	511	
		10		15			6		
.490	9.803 419		9.915 950		0.084 050	9.887 469		**.510**	
		9		15			7		
491	9.803 428		9.915 965		0.084 035	9.887 462		509	
492	9.803 437	9	9.915 981	16	0.084 019	9.887 456	6	508	
493	9.803 446	9	9.915 996	15	0.084 004	9.887 450	6	507	
		9		16			6		
494	9.803 455		9.916 012		0.083 988	9.887 444		506	
495	9.803 465	10	9.916 027	15	0.083 973	9.887 437	7	505	
496	9.803 474	9	9.916 043	16	0.083 957	9.887 431	6	504	
		9		15			6		
497	9.803 483		9.916 058		0.083 942	9.887 425		503	
498	9.803 492	9	9.916 074	16	0.083 926	9.887 419	6	502	
499	9.803 501	9	9.916 089	15	0.083 911	9.887 412	7	501	
		10		15			6		
.500	9.803 511		9.916 104		0.083 896	9.887 406		**.500**	
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.550 — 50°.500

39°.500 — 39°.550

39°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.803 511		9.916 104		0.083 896	9.887 406		**.500**	
		9		16			6		
501	9.803 520		9.916 120		0.083 880	9.887 400		499	
502	9.803 529	9	9.916 135	15	0.083 865	9.887 394	6	498	
503	9.803 538	9	9.916 151	16	0.083 849	9.887 387	7	497	
		9		15			6		
504	9.803 547		9.916 166		0.083 834	9.887 381		496	
505	9.803 556	9	9.916 182	16	0.083 818	9.887 375	6	495	
506	9.803 566	10	9.916 197	15	0.083 803	9.887 369	6	494	
		9		16			7		
507	9.803 575		9.916 213		0.083 787	9.887 362		493	
508	9.803 584	9	9.916 228	15	0.083 772	9.887 356	6	492	
509	9.803 593	9	9.916 243	15	0.083 757	9.887 350	6	491	
		9		16			6		
.510	9.803 602		9.916 259		0.083 741	9.887 344		**.490**	
		10		15			7		
511	9.803 612		9.916 274		0.083 726	9.887 337		489	
512	9.803 621	9	9.916 290	16	0.083 710	9.887 331	6	488	
513	9.803 630	9	9.916 305	15	0.083 695	9.887 325	6	487	
		9		16			6		
514	9.803 639		9.916 321		0.083 679	9.887 319		486	
515	9.803 648	9	9.916 336	15	0.083 664	9.887 312	7	485	
516	9.803 658	10	9.916 352	16	0.083 648	9.887 306	6	484	
		9		15			6		
517	9.803 667		9.916 367		0.083 633	9.887 300		483	
518	9.803 676	9	9.916 382	15	0.083 618	9.887 294	6	482	
519	9.803 685	9	9.916 398	16	0.083 602	9.887 287	7	481	
		9		15			6		
.520	9.803 694		9.916 413		0.083 587	9.887 281		**.480**	
		10		16			6		
521	9.803 704		9.916 429		0.083 571	9.887 275		479	
522	9.803 713	9	9.916 444	15	0.083 556	9.887 269	6	478	
523	9.803 722	9	9.916 460	16	0.083 540	9.887 262	7	477	
		9		15			6		
524	9.803 731		9.916 475		0.083 525	9.887 256		476	
525	9.803 740	9	9.916 491	16	0.083 509	9.887 250	6	475	
526	9.803 749	9	9.916 506	15	0.083 494	9.887 244	6	474	
		10		15			7		
527	9.803 759		9.916 521		0.083 479	9.887 237		473	
528	9.803 768	9	9.916 537	16	0.083 463	9.887 231	6	472	
529	9.803 777	9	9.916 552	15	0.083 448	9.887 225	6	471	
		9		16			6		
.530	9.803 786		9.916 568		0.083 432	9.887 219		**.470**	
		9		15			7		
531	9.803 795		9.916 583		0.083 417	9.887 212		469	
532	9.803 805	10	9.916 599	16	0.083 401	9.887 206	6	468	
533	9.803 814	9	9.916 614	15	0.083 386	9.887 200	6	467	
		9		15			7		
534	9.803 823		9.916 629		0.083 371	9.887 193		466	
535	9.803 832	9	9.916 645	16	0.083 355	9.887 187	6	465	
536	9.803 841	9	9.916 660	15	0.083 340	9.887 181	6	464	
		10		16			6		
537	9.803 851		9.916 676		0.083 324	9.887 175		463	
538	9.803 860	9	9.916 691	15	0.083 309	9.887 168	7	462	
539	9.803 869	9	9.916 707	16	0.083 293	9.887 162	6	461	
		9		15			6		
.540	9.803 878		9.916 722		0.083 278	9.887 156		**.460**	
		9		16			6		
541	9.803 887		9.916 738		0.083 262	9.887 150		459	
542	9.803 896	9	9.916 753	15	0.083 247	9.887 143	7	458	
543	9.803 906	10	9.916 768	15	0.083 232	9.887 137	6	457	
		9		16			6		
544	9.803 915		9.916 784		0.083 216	9.887 131		456	
545	9.803 924	9	9.916 799	15	0.083 201	9.887 125	6	455	
546	9.803 933	9	9.916 815	16	0.083 185	9.887 118	7	454	
		9		15			6		
547	9.803 942		9.916 830		0.083 170	9.887 112		453	
548	9.803 952	10	9.916 846	16	0.083 154	9.887 106	6	452	
549	9.803 961	9	9.916 861	15	0.083 139	9.887 100	6	451	
		9		16			7		
.550	9.803 970		9.916 877		0.083 123	9.887 093		**.450**	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.500 — 50°.450

39°.550 — 39°.600

39°	sin	d	tang	d	cotg	cos	d		P.P.
·550	9.803 970		9.916 877		0.083 123	9.887 093		·450	
		9		15			6		
551	9.803 979		9.916 892		0.083 108	9.887 087		449	
552	9.803 988	9	9.916 907	15	0.083 093	9.887 081	6	448	
553	9.803 997	9	9.916 923	16	0.083 077	9.887 075	6	447	
		10		15			7		
554	9.804 007		9.916 938	16	0.083 062	9.887 068	6	446	
555	9.804 016	9	9.916 954	15	0.083 046	9.887 062	6	445	
556	9.804 025	9	9.916 969	16	0.083 031	9.887 056	6	444	
		9		15			6		
557	9.804 034		9.916 985	15	0.083 015	9.887 050	7	443	
558	9.804 043	9	9.917 000	15	0.083 000	9.887 043	6	442	
559	9.804 052	9	9.917 015	16	0.082 985	9.887 037	6	441	
		10		15			7		
·560	9.804 062		9.917 031	16	0.082 969	9.887 031	6	·440	
		9		15			7		
561	9.804 071		9.917 046	16	0.082 954	9.887 024	6	439	
562	9.804 080	9	9.917 062	15	0.082 938	9.887 018	6	438	
563	9.804 089	9	9.917 077	16	0.082 923	9.887 012	6	437	
		9		15			7		
564	9.804 098		9.917 093	16	0.082 907	9.887 006	6	436	
565	9.804 108	10	9.917 108	15	0.082 892	9.886 999	6	435	
566	9.804 117	9	9.917 124	16	0.082 876	9.886 993	6	434	
		9		15			6		
567	9.804 126		9.917 139	15	0.082 861	9.886 987	6	433	
568	9.804 135	9	9.917 154	16	0.082 846	9.886 981	7	432	
569	9.804 144	9	9.917 170	15	0.082 830	9.886 974	6	431	
		9		16			6		
·570	9.804 153		9.917 185	15	0.082 815	9.886 968	6	·430	
		10		16			6		
571	9.804 163		9.917 201	15	0.082 799	9.886 962	6	429	
572	9.804 172	9	9.917 216	16	0.082 784	9.886 956	7	428	
573	9.804 181	9	9.917 232	15	0.082 768	9.886 949	6	427	
		9		15			6		
574	9.804 190		9.917 247	15	0.082 753	9.886 943	6	426	
575	9.804 199	9	9.917 262	16	0.082 738	9.886 937	6	425	
576	9.804 208	9	9.917 278	15	0.082 722	9.886 931	7	424	
		10		16			6		
577	9.804 218		9.917 293	15	0.082 707	9.886 924	6	423	
578	9.804 227	9	9.917 309	16	0.082 691	9.886 918	6	422	
579	9.804 236	9	9.917 324	15	0.082 676	9.886 912	7	421	
		9		16			6		
·580	9.804 245		9.917 340	15	0.082 660	9.886 905	6	·420	
		9		15			6		
581	9.804 254		9.917 355	15	0.082 645	9.886 899	6	419	
582	9.804 263	9	9.917 370	16	0.082 630	9.886 893	6	418	
583	9.804 273	10	9.917 386	15	0.082 614	9.886 887	7	417	
		9		16			6		
584	9.804 282		9.917 401	15	0.082 599	9.886 880	6	416	
585	9.804 291	9	9.917 417	15	0.082 583	9.886 874	6	415	
586	9.804 300	9	9.917 432	16	0.082 568	9.886 868	6	414	
		9		15			7		
587	9.804 309		9.917 448	16	0.082 552	9.886 862	6	413	
588	9.804 318	9	9.917 463	15	0.082 537	9.886 855	6	412	
589	9.804 328	10	9.917 479	16	0.082 521	9.886 849	6	411	
		9		15			6		
·590	9.804 337		9.917 494	15	0.082 506	9.886 843	6	·410	
		9		15			7		
591	9.804 346		9.917 509	16	0.082 491	9.886 837	6	409	
592	9.804 355	9	9.917 525	15	0.082 475	9.886 830	6	408	
593	9.804 364	9	9.917 540	16	0.082 460	9.886 824	6	407	
		9		15			7		
594	9.804 373		9.917 556	15	0.082 444	9.886 818	6	406	
595	9.804 383	10	9.917 571	16	0.082 429	9.886 811	6	405	
596	9.804 392	9	9.917 587	15	0.082 413	9.886 805	6	404	
		9		15			6		
597	9.804 401		9.917 602	15	0.082 398	9.886 799	6	403	
598	9.804 410	9	9.917 617	16	0.082 383	9.886 793	7	402	
599	9.804 419	9	9.917 633	15	0.082 367	9.886 786	6	401	
		9							
·600	9.804 428		9.917 648		0.082 352	9.886 780		·400	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.450 — 50°.400

39°.600 — 39°.650

39°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.804 428		9.917 648		0.082 352	9.886 780		**.400**	
		10		16			6		
601	9.804 438		9.917 664		0.082 336	9.886 774		399	
602	9.804 447	9	9.917 679	15	0.082 321	9.886 768	6	398	
603	9.804 456	9	9.917 695	16	0.082 305	9.886 761	7	397	
		9		15			6		
604	9.804 465		9.917 710		0.082 290	9.886 755		396	
605	9.804 474	9	9.917 725	15	0.082 275	9.886 749	6	395	
606	9.804 483	9	9.917 741	16	0.082 259	9.886 742	7	394	
		10		15			6		
607	9.804 493		9.917 756		0.082 244	9.886 736		393	
608	9.804 502	9	9.917 772	16	0.082 228	9.886 730	6	392	
609	9.804 511	9	9.917 787	15	0.082 213	9.886 724	6	391	
		9		16			7		
.610	9.804 520		9.917 803		0.082 197	9.886 717		**.390**	
		9		15			6		
611	9.804 529		9.917 818		0.082 182	9.886 711		389	
612	9.804 538	9	9.917 833	15	0.082 167	9.886 705	6	388	
613	9.804 547	9	9.917 849	16	0.082 151	9.886 699	6	387	
		10		15			7		
614	9.804 557		9.917 864		0.082 136	9.886 692	6	386	
615	9.804 566	9	9.917 880	16	0.082 120	9.886 686	6	385	
616	9.804 575	9	9.917 895	15	0.082 105	9.886 680	6	384	
		9		16			7		
617	9.804 584		9.917 911		0.082 089	9.886 673	6	383	
618	9.804 593	9	9.917 926	15	0.082 074	9.886 667	6	382	
619	9.804 602	9	9.917 942	16	0.082 058	9.886 661	6	381	
		10		15			6		
.620	9.804 612		9.917 957		0.082 043	9.886 655		**.380**	
		9		15			7		
621	9.804 621		9.917 972		0.082 028	9.886 648	6	379	
622	9.804 630	9	9.917 988	16	0.082 012	9.886 642	6	378	
623	9.804 639	9	9.918 003	15	0.081 997	9.886 636	6	377	
		9		16			6		
624	9.804 648		9.918 019		0.081 981	9.886 630		376	
625	9.804 657	9	9.918 034	15	0.081 966	9.886 623	7	375	
626	9.804 667	10	9.918 050	16	0.081 950	9.886 617	6	374	
		9		15			6		
627	9.804 676		9.918 065		0.081 935	9.886 611		373	
628	9.804 685	9	9.918 080	15	0.081 920	9.886 604	7	372	
629	9.804 694	9	9.918 096	16	0.081 904	9.886 598	6	371	
		9		15			6		
.630	9.804 703		9.918 111		0.081 889	9.886 592		**.370**	
		9		16			6		
631	9.804 712		9.918 127		0.081 873	9.886 586		369	
632	9.804 721	9	9.918 142	15	0.081 858	9.886 579	7	368	
633	9.804 731	10	9.918 158	16	0.081 842	9.886 573	6	367	
		9		15			6		
634	9.804 740		9.918 173		0.081 827	9.886 567		366	
635	9.804 749	9	9.918 188	15	0.081 812	9.886 560	7	365	
636	9.804 758	9	9.918 204	16	0.081 796	9.886 554	6	364	
		9		15			6		
637	9.804 767		9.918 219		0.081 781	9.886 548		363	
638	9.804 776	9	9.918 235	16	0.081 765	9.886 542	6	362	
639	9.804 785	9	9.918 250	15	0.081 750	9.886 535	7	361	
		10		16			6		
.640	9.804 795		9.918 266		0.081 734	9.886 529		**.360**	
		9		15			6		
641	9.804 804		9.918 281		0.081 719	9.886 523		359	
642	9.804 813	9	9.918 296	15	0.081 704	9.886 517	6	358	
643	9.804 822	9	9.918 312	16	0.081 688	9.886 510	7	357	
		9		15			6		
644	9.804 831		9.918 327		0.081 673	9.886 504		356	
645	9.804 840	9	9.918 343	16	0.081 657	9.886 498	6	355	
646	9.804 850	10	9.918 358	15	0.081 642	9.886 491	7	354	
		9		16			6		
647	9.804 859		9.918 374		0.081 626	9.886 485		353	
648	9.804 868	9	9.918 389	15	0.081 611	9.886 479	6	352	
649	9.804 877	9	9.918 404	15	0.081 596	9.886 473	6	351	
		9		16			7		
.650	9.804 886		9.918 420		0.081 580	9.886 466		**.350**	
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.400 — 50°.350

39°.650 — 39°.700

39°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.804 886		9.918 420		0.081 580	9.886 466		**.350**	
		9		15			6		
651	9.804 895		9.918 435		0.081 565	9.886 460		349	
652	9.804 904	9	9.918 451	16	0.081 549	9.886 454	6	348	
653	9.804 914	10	9.918 466	15	0.081 534	9.886 447	7	347	
		9		16			6		
654	9.804 923		9.918 482		0.081 518	9.886 441		346	
655	9.804 932	9	9.918 497	15	0.081 503	9.886 435	6	345	
656	9.804 941	9	9.918 512	15	0.081 488	9.886 429	6	344	
		9		16			7		
657	9.804 950		9.918 528		0.081 472	9.886 422		343	
658	9.804 959	9	9.918 543	15	0.081 457	9.886 416	6	342	
659	9.804 968	9	9.918 559	16	0.081 441	9.886 410	6	341	
		10		15			7		
.660	9.804 978		9.918 574		0.081 426	9.886 403		**.340**	
		9		16			6		
661	9.804 987		9.918 590		0.081 410	9.886 397		339	
662	9.804 996	9	9.918 605	15	0.081 395	9.886 391	6	338	
663	9.805 005	9	9.918 620	15	0.081 380	9.886 385	6	337	
		9		16			7		
664	9.805 014		9.918 636		0.081 364	9.886 378	6	336	
665	9.805 023	9	9.918 651	15	0.081 349	9.886 372	6	335	
666	9.805 032	9	9.918 667	16	0.081 333	9.886 366		334	
		10		15			7		
667	9.805 042		9.918 682		0.081 318	9.886 359	6	333	
668	9.805 051	9	9.918 698	16	0.081 302	9.886 353	6	332	
669	9.805 060	9	9.918 713	15	0.081 287	9.886 347		331	
		9		15			6		
.670	9.805 069		9.918 728		0.081 272	9.886 341		**.330**	
		9		16			7		
671	9.805 078		9.918 744		0.081 256	9.886 334	6	329	
672	9.805 087	9	9.918 759	15	0.081 241	9.886 328	6	328	
673	9.805 096	9	9.918 775	16	0.081 225	9.886 322		327	
		10		15			7		
674	9.805 106		9.918 790		0.081 210	9.886 315	6	326	
675	9.805 115	9	9.918 805	15	0.081 195	9.886 309	6	325	
676	9.805 124	9	9.918 821	16	0.081 179	9.886 303	6	324	
		9		15			6		
677	9.805 133		9.918 836		0.081 164	9.886 297		323	
678	9.805 142	9	9.918 852	16	0.081 148	9.886 290	7	322	
679	9.805 151	9	9.918 867	15	0.081 133	9.886 284	6	321	
		9		16			6		
.680	9.805 160		9.918 883		0.081 117	9.886 278		**.320**	
		9		15			7		
681	9.805 169		9.918 898		0.081 102	9.886 271		319	
682	9.805 179	10	9.918 913	15	0.081 087	9.886 265	6	318	
683	9.805 188	9	9.918 929	16	0.081 071	9.886 259	6	317	
		9		15			6		
684	9.805 197		9.918 944		0.081 056	9.886 253		316	
685	9.805 206	9	9.918 960	16	0.081 040	9.886 246	7	315	
686	9.805 215	9	9.918 975	15	0.081 025	9.886 240	6	314	
		9		16			6		
687	9.805 224		9.918 991		0.081 009	9.886 234		313	
688	9.805 233	9	9.919 006	15	0.080 994	9.886 227	7	312	
689	9.805 243	10	9.919 021	15	0.080 979	9.886 221	6	311	
		9		16			6		
.690	9.805 252		9.919 037		0.080 963	9.886 215		**.310**	
		9		15			6		
691	9.805 261		9.919 052		0.080 948	9.886 209		309	
692	9.805 270	9	9.919 068	16	0.080 932	9.886 202	7	308	
693	9.805 279	9	9.919 083	15	0.080 917	9.886 196	6	307	
		9		16			6		
694	9.805 288		9.919 099		0.080 901	9.886 190		306	
695	9.805 297	9	9.919 114	15	0.080 886	9.886 183	7	305	
696	9.805 307	10	9.919 129	15	0.080 871	9.886 177	6	304	
		9		16			6		
697	9.805 316		9.919 145		0.080 855	9.886 171		303	
698	9.805 325	9	9.919 160	15	0.080 840	9.886 165	6	302	
699	9.805 334	9	9.919 176	16	0.080 824	9.886 158	7	301	
		9		15			6		
.700	9.805 343		9.919 191		0.080 809	9.886 152		**.300**	
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.350 — 50°.300

$39^\circ.700$ — $39^\circ.750$

39°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.805 343		9.919 191		0.080 809	9.886 152		**.300**	
		9		16			6		
701	9.805 352		9.919 207		0.080 793	9.886 146		299	
702	9.805 361	9	9.919 222	15	0.080 778	9.886 139	7	298	
703	9.805 370	9	9.919 237	15	0.080 763	9.886 133	6	297	
		10		16			6		
704	9.805 380		9.919 253		0.080 747	9.886 127		296	
705	9.805 389	9	9.919 268	15	0.080 732	9.886 120	7	295	
706	9.805 398	9	9.919 284	16	0.080 716	9.886 114	6	294	
		9		15			6		
707	9.805 407		9.919 299		0.080 701	9.886 108		293	
708	9.805 416	9	9.919 314	15	0.080 686	9.886 102	6	292	
709	9.805 425	9	9.919 330	16	0.080 670	9.886 095	7	291	
		9		15			6		
.710	9.805 434		9.919 345		0.080 655	9.886 089		**.290**	
		9		16			6		
711	9.805 443		9.919 361		0.080 639	9.886 083		289	
712	9.805 453	10	9.919 376	15	0.080 624	9.886 076	7	288	
713	9.805 462	9	9.919 392	16	0.080 608	9.886 070	6	287	
		9		15			6		
714	9.805 471		9.919 407		0.080 593	9.886 064		286	
715	9.805 480	9	9.919 422	15	0.080 578	9.886 058	6	285	
716	9.805 489	9	9.919 438	16	0.080 562	9.886 051	7	284	
		9		15			6		
717	9.805 498		9.919 453		0.080 547	9.886 045		283	
718	9.805 507	9	9.919 469	16	0.080 531	9.886 039	6	282	
719	9.805 516	9	9.919 484	15	0.080 516	9.886 032	7	281	
		10		16			6		
.720	9.805 526		9.919 500		0.080 500	9.886 026		**.280**	
		9		15			6		
721	9.805 535		9.919 515		0.080 485	9.886 020		279	
722	9.805 544	9	9.919 530	15	0.080 470	9.886 013	7	278	
723	9.805 553	9	9.919 546	16	0.080 454	9.886 007	6	277	
		9		15			6		
724	9.805 562		9.919 561		0.080 439	9.886 001		276	
725	9.805 571	9	9.919 577	16	0.080 423	9.885 995	6	275	
726	9.805 580	9	9.919 592	15	0.080 408	9.885 988	7	274	
		9		15			6		
727	9.805 589		9.919 607		0.080 393	9.885 982		273	
728	9.805 599	10	9.919 623	16	0.080 377	9.885 976	6	272	
729	9.805 608	9	9.919 638	15	0.080 362	9.885 969	7	271	
		9		16			6		
.730	9.805 617		9.919 654		0.080 346	9.885 963		**.270**	
		9		15			6		
731	9.805 626		9.919 669		0.080 331	9.885 957		269	
732	9.805 635	9	9.919 685	16	0.080 315	9.885 950	7	268	
733	9.805 644	9	9.919 700	15	0.080 300	9.885 944	6	267	
		9		15			6		
734	9.805 653		9.919 715		0.080 285	9.885 938		266	
735	9.805 662	9	9.919 731	16	0.080 269	9.885 932	6	265	
736	9.805 671	9	9.919 746	15	0.080 254	9.885 925	7	264	
		10		16			6		
737	9.805 681		9.919 762		0.080 238	9.885 919		263	
738	9.805 690	9	9.919 777	15	0.080 223	9.885 913	6	262	
739	9.805 699	9	9.919 793	16	0.080 207	9.885 906	7	261	
		9		15			6		
.740	9.805 708		9.919 808		0.080 192	9.885 900		**.260**	
		9		15			6		
741	9.805 717		9.919 823		0.080 177	9.885 894		259	
742	9.805 726	9	9.919 839	16	0.080 161	9.885 887	7	258	
743	9.805 735	9	9.919 854	15	0.080 146	9.885 881	6	257	
		9		16			6		
744	9.805 744		9.919 870		0.080 130	9.885 875		256	
745	9.805 754	10	9.919 885	15	0.080 115	9.885 869	6	255	
746	9.805 763	9	9.919 900	15	0.080 100	9.885 862	7	254	
		9		16			6		
747	9.805 772		9.919 916		0.080 084	9.885 856		253	
748	9.805 781	9	9.919 931	15	0.080 069	9.885 850	6	252	
749	9.805 790	9	9.919 947	16	0.080 053	9.885 843	7	251	
		9		15			6		
.750	9.805 799		9.919 962		0.080 038	9.885 837		**.250**	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

$50^\circ.300$ — $50^\circ.250$

39°.750 — 39°.800

39°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.805 799		9.919 962		0.080 038	9.885 837		.250	
		9		16			6		
751	9.805 808		9.919 978		0.080 022	9.885 831		249	
752	9.805 817	9	9.919 993	15	0.080 007	9.885 824	7	248	
753	9.805 826	9	9.920 008	15	0.079 992	9.885 818	6	247	
		10		16			6		
754	9.805 836		9.920 024		0.079 976	9.885 812		246	
755	9.805 845	9	9.920 039	15	0.079 961	9.885 805	7	245	
756	9.805 854	9	9.920 055	16	0.079 945	9.885 799	6	244	
		9		15			6		
757	9.805 863		9.920 070		0.079 930	9.885 793		243	
758	9.805 872	9	9.920 085	15	0.079 915	9.885 787	6	242	
759	9.805 881	9	9.920 101	16	0.079 899	9.885 780	7	241	
		9		15			6		
.760	9.805 890		9.920 116		0.079 884	9.885 774		.240	
		9		16			6		
761	9.805 899		9.920 132		0.079 868	9.885 768		239	
762	9.805 908	9	9.920 147	15	0.079 853	9.885 761	7	238	
763	9.805 918	10	9.920 163	16	0.079 837	9.885 755	6	237	
		9		15			6		
764	9.805 927		9.920 178		0.079 822	9.885 749		236	
765	9.805 936	9	9.920 193	15	0.079 807	9.885 742	7	235	
766	9.805 945	9	9.920 209	16	0.079 791	9.885 736	6	234	
		9		15			6		
767	9.805 954		9.920 224		0.079 776	9.885 730		233	
768	9.805 963	9	9.920 240	16	0.079 760	9.885 723	7	232	
769	9.805 972	9	9.920 255	15	0.079 745	9.885 717	6	231	
		9		15			6		
.770	9.805 981		9.920 270		0.079 730	9.885 711		.230	
		9		16			6		
771	9.805 990		9.920 286		0.079 714	9.885 705		229	
772	9.806 000	10	9.920 301	15	0.079 699	9.885 698	7	228	
773	9.806 009	9	9.920 317	16	0.079 683	9.885 692	6	227	
		9		15			6		
774	9.806 018		9.920 332		0.079 668	9.885 686		226	
775	9.806 027	9	9.920 348	16	0.079 652	9.885 679	7	225	
776	9.806 036	9	9.920 363	15	0.079 637	9.885 673	6	224	
		9		15			6		
777	9.806 045		9.920 378		0.079 622	9.885 667		223	
778	9.806 054	9	9.920 394	16	0.079 606	9.885 660	7	222	
779	9.806 063	9	9.920 409	15	0.079 591	9.885 654	6	221	
		9		16			6		
.780	9.806 072		9.920 425		0.079 575	9.885 648		.220	
		9		15			7		
781	9.806 081		9.920 440		0.079 560	9.885 641		219	
782	9.806 091	10	9.920 455	15	0.079 545	9.885 635	6	218	
783	9.806 100	9	9.920 471	16	0.079 529	9.885 629	6	217	
		9		15			6		
784	9.806 109		9.920 486		0.079 514	9.885 623		216	
785	9.806 118	9	9.920 502	16	0.079 498	9.885 616	7	215	
786	9.806 127	9	9.920 517	15	0.079 483	9.885 610	6	214	
		9		16			6		
787	9.806 136		9.920 533		0.079 467	9.885 604		213	
788	9.806 145	9	9.920 548	15	0.079 452	9.885 597	7	212	
789	9.806 154	9	9.920 563	15	0.079 437	9.885 591	6	211	
		9		16			6		
.790	9.806 163		9.920 579		0.079 421	9.885 585		.210	
		10		15			7		
791	9.806 173		9.920 594		0.079 406	9.885 578		209	
792	9.806 182	9	9.920 610	16	0.079 390	9.885 572	6	208	
793	9.806 191	9	9.920 625	15	0.079 375	9.885 566	6	207	
		9		15			7		
794	9.806 200		9.920 640		0.079 360	9.885 559		206	
795	9.806 209	9	9.920 656	16	0.079 344	9.885 553	6	205	
796	9.806 218	9	9.920 671	15	0.079 329	9.885 547	6	204	
		9		16			7		
797	9.806 227		9.920 687		0.079 313	9.885 540		203	
798	9.806 236	9	9.920 702	15	0.079 298	9.885 534	6	202	
799	9.806 245	9	9.920 717	15	0.079 283	9.885 528	6	201	
		9		16			6		
.800	9.806 254		9.920 733		0.079 267	9.885 522		.200	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.250 — 50°.200

39°.800 — 39°.850

39°	sin	d	tang	d	cotg	cos	d		P.P.		
.800	9.806 254		9.920 733		0.079 267	9.885 522		**.200**			
		10		15			7				
801	9.806 264		9.920 748		0.079 252	9.885 515		199			
802	9.806 273	9	9.920 764	16	0.079 236	9.885 509	6	198			
803	9.806 282	9	9.920 779	15	0.079 221	9.885 503	6	197			
		9		16			7				
804	9.806 291		9.920 795		0.079 205	9.885 496		196			
805	9.806 300	9	9.920 810	15	0.079 190	9.885 490	6	195			
806	9.806 309	9	9.920 825	15	0.079 175	9.885 484	6	194			
		9		16			7				
807	9.806 318		9.920 841		0.079 159	9.885 477		193		16	15
808	9.806 327	9	9.920 856	15	0.079 144	9.885 471	6	192	1	1.6	1.5
809	9.806 336	9	9.920 872	16	0.079 128	9.885 465	6	191	2	3.2	3.0
		9		15			7		3	4.8	4.5
.810	9.806 345		9.920 887		0.079 113	9.885 458		**.190**	4	6.4	6.0
		9		15			6		5	8.0	7.5
811	9.806 354		9.920 902		0.079 098	9.885 452		189	6	9.6	9.0
812	9.806 364	10	9.920 918	16	0.079 082	9.885 446	6	188	7	11.2	10.5
813	9.806 373	9	9.920 933	15	0.079 067	9.885 439	7	187	8	12.8	12.0
		9		16			6		9	14.4	13.5
814	9.806 382		9.920 949		0.079 051	9.885 433		186			
815	9.806 391	9	9.920 964	15	0.079 036	9.885 427	6	185			
816	9.806 400	9	9.920 979	15	0.079 021	9.885 420	7	184			
		9		16			6				
817	9.806 409		9.920 995		0.079 005	9.885 414		183			
818	9.806 418	9	9.921 010	15	0.078 990	9.885 408	6	182			
819	9.806 427	9	9.921 026	16	0.078 974	9.885 401	7	181			
		9		15			6				
.820	9.806 436		9.921 041		0.078 959	9.885 395		**.180**			
		9		16			6				
821	9.806 445		9.921 057		0.078 943	9.885 389		179		10	9
822	9.806 454	9	9.921 072	15	0.078 928	9.885 383	6	178			
823	9.806 464	10	9.921 087	15	0.078 913	9.885 376	7	177	1	1.0	0.9
		9		16			6		2	2.0	1.8
824	9.806 473		9.921 103		0.078 897	9.885 370		176	3	3.0	2.7
825	9.806 482	9	9.921 118	15	0.078 882	9.885 364	6	175	4	4.0	3.6
826	9.806 491	9	9.921 134	16	0.078 866	9.885 357	7	174	5	5.0	4.5
		9		15			6		6	6.0	5.4
827	9.806 500		9.921 149		0.078 851	9.885 351		173	7	7.0	6.3
828	9.806 509	9	9.921 164	15	0.078 836	9.885 345	6	172	8	8.0	7.2
829	9.806 518	9	9.921 180	16	0.078 820	9.885 338	7	171	9	9.0	8.1
		9		15			6				
.830	9.806 527		9.921 195		0.078 805	9.885 332		**.170**			
		9		16			6				
831	9.806 536		9.921 211		0.078 789	9.885 326		169			
832	9.806 545	9	9.921 226	15	0.078 774	9.885 319	7	168			
833	9.806 554	9	9.921 241	15	0.078 759	9.885 313	6	167			
		10		16			6				
834	9.806 564		9.921 257		0.078 743	9.885 307		166			
835	9.806 573	9	9.921 272	15	0.078 728	9.885 300	7	165			
836	9.806 582	9	9.921 288	16	0.078 712	9.885 294	6	164		7	6
		9		15			6				
837	9.806 591		9.921 303		0.078 697	9.885 288		163	1	0.7	0.6
838	9.806 600	9	9.921 319	16	0.078 681	9.885 281	7	162	2	1.4	1.2
839	9.806 609	9	9.921 334	15	0.078 666	9.885 275	6	161	3	2.1	1.8
		9		15			6		4	2.8	2.4
.840	9.806 618		9.921 349		0.078 651	9.885 269		**.160**	5	3.5	3.0
		9		16			7		6	4.2	3.6
841	9.806 627		9.921 365		0.078 635	9.885 262		159	7	4.9	4.2
842	9.806 636	9	9.921 380	15	0.078 620	9.885 256	6	158	8	5.6	4.8
843	9.806 645	9	9.921 396	16	0.078 604	9.885 250	6	157	9	6.3	5.4
		9		15			7				
844	9.806 654		9.921 411		0.078 589	9.885 243		156			
845	9.806 663	9	9.921 426	15	0.078 574	9.885 237	6	155			
846	9.806 673	10	9.921 442	16	0.078 558	9.885 231	6	154			
		9		15			7				
847	9.806 682		9.921 457		0.078 543	9.885 224		153			
848	9.806 691	9	9.921 473	16	0.078 527	9.885 218	6	152			
849	9.806 700	9	9.921 488	15	0.078 512	9.885 212	6	151			
		9		15			7				
.850	9.806 709		9.921 503		0.078 497	9.885 205		**.150**			
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.		

50°.200 — 50°.150

39°.850 — 39°.900

39°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.806 709		9.921 503		0.078 497	9.885 205		**.150**	
		9		16			6		
851	9.806 718		9.921 519		0.078 481	9.885 199		149	
852	9.806 727	9	9.921 534	15	0.078 466	9.885 193	6	148	
853	9.806 736	9	9.921 550	16	0.078 450	9.885 186	7	147	
		9		15			6		
854	9.806 745		9.921 565		0.078 435	9.885 180		146	
855	9.806 754	9	9.921 580	15	0.078 420	9.885 174	6	145	
856	9.806 763	9	9.921 596	16	0.078 404	9.885 168	6	144	
		9		15			7		
857	9.806 772		9.921 611		0.078 389	9.885 161		143	
858	9.806 782	10	9.921 627	16	0.078 373	9.885 155	6	142	
859	9.806 791	9	9.921 642	15	0.078 358	9.885 149	6	141	
		9		15			7		
.860	9.806 800		9.921 657		0.078 343	9.885 142		**.140**	
		9		16			6		
861	9.806 809		9.921 673		0.078 327	9.885 136		139	
862	9.806 818	9	9.921 688	15	0.078 312	9.885 130	6	138	
863	9.806 827	9	9.921 704	16	0.078 296	9.885 123	7	137	
		9		15			6		
864	9.806 836		9.921 719		0.078 281	9.885 117		136	
865	9.806 845	9	9.921 735	16	0.078 265	9.885 111	6	135	
866	9.806 854	9	9.921 750	15	0.078 250	9.885 104	7	134	
		9		15			6		
867	9.806 863		9.921 765		0.078 235	9.885 098		133	
868	9.806 872	9	9.921 781	16	0.078 219	9.885 092	6	132	
869	9.806 881	9	9.921 796	15	0.078 204	9.885 085	7	131	
		9		16			6		
.870	9.806 890		9.921 812		0.078 188	9.885 079		**.130**	
		10		15			6		
871	9.806 900		9.921 827		0.078 173	9.885 073		129	
872	9.806 909	9	9.921 842	15	0.078 158	9.885 066	7	128	
873	9.806 918	9	9.921 858	16	0.078 142	9.885 060	6	127	
		9		15			6		
874	9.806 927		9.921 873		0.078 127	9.885 054		126	
875	9.806 936	9	9.921 889	16	0.078 111	9.885 047	7	125	
876	9.806 945	9	9.921 904	15	0.078 096	9.885 041	6	124	
		9		15			6		
877	9.806 954		9.921 919		0.078 081	9.885 035		123	
878	9.806 963	9	9.921 935	16	0.078 065	9.885 028	7	122	
879	9.806 972	9	9.921 950	15	0.078 050	9.885 022	6	121	
		9		16			6		
.880	9.806 981		9.921 966		0.078 034	9.885 016		**.120**	
		9		15			7		
881	9.806 990		9.921 981		0.078 019	9.885 009		119	
882	9.806 999	9	9.921 996	15	0.078 004	9.885 003	6	118	
883	9.807 008	9	9.922 012	16	0.077 988	9.884 997	6	117	
		9		15			7		
884	9.807 017		9.922 027		0.077 973	9.884 990		116	
885	9.807 027	10	9.922 043	16	0.077 957	9.884 984	6	115	
886	9.807 036	9	9.922 058	15	0.077 942	9.884 978	6	114	
		9		15			7		
887	9.807 045		9.922 073		0.077 927	9.884 971		113	
888	9.807 054	9	9.922 089	16	0.077 911	9.884 965	6	112	
889	9.807 063	9	9.922 104	15	0.077 896	9.884 959	6	111	
		9		16			7		
.890	9.807 072		9.922 120		0.077 880	9.884 952		**.110**	
		9		15			6		
891	9.807 081		9.922 135		0.077 865	9.884 946		109	
892	9.807 090	9	9.922 150	15	0.077 850	9.884 940	6	108	
893	9.807 099	9	9.922 166	16	0.077 834	9.884 933	7	107	
		9		15			6		
894	9.807 108		9.922 181		0.077 819	9.884 927		106	
895	9.807 117	9	9.922 197	16	0.077 803	9.884 921	6	105	
896	9.807 126	9	9.922 212	15	0.077 788	9.884 914	7	104	
		9		15			6		
897	9.807 135		9.922 227		0.077 773	9.884 908		103	
898	9.807 144	9	9.922 243	16	0.077 757	9.884 902	6	102	
899	9.807 153	9	9.922 258	15	0.077 742	9.884 895	7	101	
		10		16			6		
.900	9.807 163		9.922 274		0.077 726	9.884 889		**.100**	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.150 — 50°.100

39°.900 — 39°.950

39°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.807 163		9.922 274		0.077 726	9.884 889		.100	
		9		15			6		
901	9.807 172		9.922 289		0.077 711	9.884 883		099	
902	9.807 181	9	9.922 304	15	0.077 696	9.884 876	7	098	
903	9.807 190	9	9.922 320	16	0.077 680	9.884 870	6	097	
		9		15			6		
904	9.807 199		9.922 335		0.077 665	9.884 864		096	
905	9.807 208	9	9.922 351	16	0.077 649	9.884 857	7	095	
906	9.807 217	9	9.922 366	15	0.077 634	9.884 851	6	094	
		9		16			7		
907	9.807 226		9.922 382		0.077 618	9.884 844		093	
908	9.807 235	9	9.922 397	15	0.077 603	9.884 838	6	092	
909	9.807 244	9	9.922 412	15	0.077 588	9.884 832	6	091	
		9		16			7		
.910	9.807 253		9.922 428		0.077 572	9.884 825		.090	
		9		15			6		
911	9.807 262		9.922 443		0.077 557	9.884 819		089	
912	9.807 271	9	9.922 459	16	0.077 541	9.884 813	6	088	
913	9.807 280	9	9.922 474	15	0.077 526	9.884 806	7	087	
		9		15			6		
914	9.807 289		9.922 489		0.077 511	9.884 800		086	
915	9.807 299	10	9.922 505	16	0.077 495	9.884 794	6	085	
916	9.807 308	9	9.922 520	15	0.077 480	9.884 787	7	084	
		9		16			6		
917	9.807 317		9.922 536		0.077 464	9.884 781		083	
918	9.807 326	9	9.922 551	15	0.077 449	9.884 775	6	082	
919	9.807 335	9	9.922 566	15	0.077 434	9.884 768	7	081	
		9		16			6		
.920	9.807 344		9.922 582		0.077 418	9.884 762		.080	
		9		15			6		
921	9.807 353		9.922 597		0.077 403	9.884 756		079	
922	9.807 362	9	9.922 613	16	0.077 387	9.884 749	7	078	
923	9.807 371	9	9.922 628	15	0.077 372	9.884 743	6	077	
		9		15			6		
924	9.807 380		9.922 643		0.077 357	9.884 737		076	
925	9.807 389	9	9.922 659	16	0.077 341	9.884 730	7	075	
926	9.807 398	9	9.922 674	15	0.077 326	9.884 724	6	074	
		9		16			6		
927	9.807 407		9.922 690		0.077 310	9.884 718		073	
928	9.807 416	9	9.922 705	15	0.077 295	9.884 711	7	072	
929	9.807 425	9	9.922 720	15	0.077 280	9.884 705	6	071	
		9		16			6		
.930	9.807 434		9.922 736		0.077 264	9.884 699		.070	
		9		15			7		
931	9.807 443		9.922 751		0.077 249	9.884 692		069	
932	9.807 452	9	9.922 767	16	0.077 233	9.884 686	6	068	
933	9.807 462	10	9.922 782	15	0.077 218	9.884 680	6	067	
		9		15			7		
934	9.807 471		9.922 797		0.077 203	9.884 673		066	
935	9.807 480	9	9.922 813	16	0.077 187	9.884 667	6	065	
936	9.807 489	9	9.922 828	15	0.077 172	9.884 661	6	064	
		9		16			7		
937	9.807 498		9.922 844		0.077 156	9.884 654		063	
938	9.807 507	9	9.922 859	15	0.077 141	9.884 648	6	062	
939	9.807 516	9	9.922 874	15	0.077 126	9.884 642	6	061	
		9		16			7		
.940	9.807 525		9.922 890		0.077 110	9.884 635		.060	
		9		15			6		
941	9.807 534		9.922 905		0.077 095	9.884 629		059	
942	9.807 543	9	9.922 921	16	0.077 079	9.884 622	7	058	
943	9.807 552	9	9.922 936	15	0.077 064	9.884 616	6	057	
		9		15			6		
944	9.807 561		9.922 951		0.077 049	9.884 610		056	
945	9.807 570	9	9.922 967	16	0.077 033	9.884 603	7	055	
946	9.807 579	9	9.922 982	15	0.077 018	9.884 597	6	054	
		9		16			6		
947	9.807 588		9.922 998		0.077 002	9.884 591		053	
948	9.807 597	9	9.923 013	15	0.076 987	9.884 584	7	052	
949	9.807 606	9	9.923 028	15	0.076 972	9.884 578	6	051	
		9		16			6		
.950	9.807 615		9.923 044		0.076 956	9.884 572		.050	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.100 — 50°.050

39°.950 — 40°.000

39°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.807 615		9.923 044		0.076 956	9.884 572		.050	
		9		15			7		
951	9.807 624		9.923 059		0.076 941	9.884 565		049	
		10		16			6		
952	9.807 634		9.923 075		0.076 925	9.884 559		048	
		9		15			6		
953	9.807 643		9.923 090		0.076 910	9.884 553		047	
		9		15			7		
954	9.807 652		9.923 105		0.076 895	9.884 546		046	
		9		16			6		
955	9.807 661		9.923 121		0.076 879	9.884 540		045	
		9		15			6		
956	9.807 670		9.923 136		0.076 864	9.884 534		044	
		9		16			7		
957	9.807 679		9.923 152		0.076 848	9.884 527		043	
		9		15			6		
958	9.807 688		9.923 167		0.076 833	9.884 521		042	
		9		15			6		
959	9.807 697		9.923 182		0.076 818	9.884 515		041	
		9		16			7		
.960	9.807 706		9.923 198		0.076 802	9.884 508		.040	
		9		15			6		
961	9.807 715		9.923 213		0.076 787	9.884 502		039	
		9		16			7		
962	9.807 724		9.923 229		0.076 771	9.884 495		038	
		9		15			6		
963	9.807 733		9.923 244		0.076 756	9.884 489		037	
		9		15			6		
964	9.807 742		9.923 259		0.076 741	9.884 483		036	
		9		16			7		
965	9.807 751		9.923 275		0.076 725	9.884 476		035	
		9		15			6		
966	9.807 760		9.923 290		0.076 710	9.884 470		034	
		9		15			6		
967	9.807 769		9.923 305		0.076 695	9.884 464		033	
		9		16			7		
968	9.807 778		9.923 321		0.076 679	9.884 457		032	
		9		15			6		
969	9.807 787		9.923 336		0.076 664	9.884 451		031	
		9		16			6		
.970	9.807 796		9.923 352		0.076 648	9.884 445		.030	
		9		15			7		
971	9.807 805		9.923 367		0.076 633	9.884 438		029	
		9		15			6		
972	9.807 814		9.923 382		0.076 618	9.884 432		028	
		9		16			6		
973	9.807 823		9.923 398		0.076 602	9.884 426		027	
		10		15			7		
974	9.807 833		9.923 413		0.076 587	9.884 419		026	
		9		16			6		
975	9.807 842		9.923 429		0.076 571	9.884 413		025	
		9		15			6		
976	9.807 851		9.923 444		0.076 556	9.884 407		024	
		9		15			7		
977	9.807 860		9.923 459		0.076 541	9.884 400		023	
		9		16			6		
978	9.807 869		9.923 475		0.076 525	9.884 394		022	
		9		15			7		
979	9.807 878		9.923 490		0.076 510	9.884 387		021	
		9		16			6		
.980	9.807 887		9.923 506		0.076 494	9.884 381		.020	
		9		15			6		
981	9.807 896		9.923 521		0.076 479	9.884 375		019	
		9		15			7		
982	9.807 905		9.923 536		0.076 464	9.884 368		018	
		9		16			6		
983	9.807 914		9.923 552		0.076 448	9.884 362		017	
		9		15			6		
984	9.807 923		9.923 567		0.076 433	9.884 356		016	
		9		16			7		
985	9.807 932		9.923 583		0.076 417	9.884 349		015	
		9		15			6		
986	9.807 941		9.923 598		0.076 402	9.884 343		014	
		9		15			6		
987	9.807 950		9.923 613		0.076 387	9.884 337		013	
		9		16			7		
988	9.807 959		9.923 629		0.076 371	9.884 330		012	
		9		15			6		
989	9.807 968		9.923 644		0.076 356	9.884 324		011	
		9		16			6		
.990	9.807 977		9.923 660		0.076 340	9.884 318		.010	
		9		15			7		
991	9.807 986		9.923 675		0.076 325	9.884 311		009	
		9		15			6		
992	9.807 995		9.923 690		0.076 310	9.884 305		008	
		9		16			7		
993	9.808 004		9.923 706		0.076 294	9.884 298		007	
		9		15			6		
994	9.808 013		9.923 721		0.076 279	9.884 292		006	
		9		16			6		
995	9.808 022		9.923 737		0.076 263	9.884 286		005	
		9		15			7		
996	9.808 031		9.923 752		0.076 248	9.884 279		004	
		9		15			6		
997	9.808 040		9.923 767		0.076 233	9.884 273		003	
		9		16			6		
998	9.808 049		9.923 783		0.076 217	9.884 267		002	
		9		15			7		
999	9.808 058		9.923 798		0.076 202	9.884 260		001	
		9		16			6		
*000	9.808 067		9.923 814		0.076 186	9.884 254		.000	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.050 — 50°.000

40°.000 — 40°.050

40°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.808 067		9.923 814		0.076 186	9.884 254		***000**	
		10		15			6		
001	9.808 077		9.923 829		0.076 171	9.884 248		999	
002	9.808 086	9	9.923 844	15	0.076 156	9.884 241	7	998	
003	9.808 095	9	9.923 860	16	0.076 140	9.884 235	6	997	
		9		15			6		
004	9.808 104		9.923 875		0.076 125	9.884 229		996	
005	9.808 113	9	9.923 890	15	0.076 110	9.884 222	7	995	
006	9.808 122	9	9.923 906	16	0.076 094	9.884 216	6	994	
		9		15			7		
007	9.808 131		9.923 921		0.076 079	9.884 209		993	
008	9.808 140	9	9.923 937	16	0.076 063	9.884 203	6	992	
009	9.808 149	9	9.923 952	15	0.076 048	9.884 197	6	991	
		9		15			7		
.010	9.808 158		9.923 967		0.076 033	9.884 190		**.990**	
		9		16			6		
011	9.808 167		9.923 983		0.076 017	9.884 184		989	
012	9.808 176	9	9.923 998	15	0.076 002	9.884 178	6	988	
013	9.808 185	9	9.924 014	16	0.075 986	9.884 171	7	987	
		9		15			6		
014	9.808 194		9.924 029		0.075 971	9.884 165		986	
015	9.808 203	9	9.924 044	15	0.075 956	9.884 159	6	985	
016	9.808 212	9	9.924 060	16	0.075 940	9.884 152	7	984	
		9		15			6		
017	9.808 221		9.924 075		0.075 925	9.884 146		983	
018	9.808 230	9	9.924 091	16	0.075 909	9.884 139	7	982	
019	9.808 239	9	9.924 106	15	0.075 894	9.884 133	6	981	
		9		15			6		
.020	9.808 248		9.924 121		0.075 879	9.884 127		**.980**	
		9		16			7		
021	9.808 257		9.924 137		0.075 863	9.884 120		979	
022	9.808 266	9	9.924 152	15	0.075 848	9.884 114	6	978	
023	9.808 275	9	9.924 168	16	0.075 832	9.884 108	6	977	
		9		15			7		
024	9.808 284		9.924 183		0.075 817	9.884 101		976	
025	9.808 293	9	9.924 198	15	0.075 802	9.884 095	6	975	
026	9.808 302	9	9.924 214	16	0.075 786	9.884 089	6	974	
		9		15			7		
027	9.808 311		9.924 229		0.075 771	9.884 082		973	
028	9.808 320	9	9.924 245	16	0.075 755	9.884 076	6	972	
029	9.808 329	9	9.924 260	15	0.075 740	9.884 069	7	971	
		9		15			6		
.030	9.808 338		9.924 275		0.075 725	9.884 063		**.970**	
		9		16			6		
031	9.808 347		9.924 291		0.075 709	9.884 057		969	
032	9.808 356	9	9.924 306	15	0.075 694	9.884 050	7	968	
033	9.808 365	9	9.924 321	15	0.075 679	9.884 044	6	967	
		9		16			6		
034	9.808 374		9.924 337		0.075 663	9.884 038		966	
035	9.808 383	9	9.924 352	15	0.075 648	9.884 031	7	965	
036	9.808 392	9	9.924 368	16	0.075 632	9.884 025	6	964	
		10		15			7		
037	9.808 402		9.924 383		0.075 617	9.884 018		963	
038	9.808 411	9	9.924 398	15	0.075 602	9.884 012	6	962	
039	9.808 420	9	9.924 414	16	0.075 586	9.884 006	6	961	
		9		15			7		
.040	9.808 429		9.924 429		0.075 571	9.883 999		**.960**	
		9		16			6		
041	9.808 438		9.924 445		0.075 555	9.883 993		959	
042	9.808 447	9	9.924 460	15	0.075 540	9.883 987	6	958	
043	9.808 456	9	9.924 475	15	0.075 525	9.883 980	7	957	
		9		16			6		
044	9.808 465		9.924 491		0.075 509	9.883 974		956	
045	9.808 474	9	9.924 506	15	0.075 494	9.883 968	6	955	
046	9.808 483	9	9.924 522	16	0.075 478	9.883 961	7	954	
		9		15			6		
047	9.808 492		9.924 537		0.075 463	9.883 955		953	
048	9.808 501	9	9.924 552	15	0.075 448	9.883 948	7	952	
049	9.808 510	9	9.924 568	16	0.075 432	9.883 942	6	951	
		9		15			6		
.050	9.808 519		9.924 583		0.075 417	9.883 936		**.950**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
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4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.000 — 49°.950

40°.050 — 40°.100

40°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.808 519		9.924 583		0.075 417	9.883 936		.950	
		9		15			7		
051	9.808 528		9.924 598		0.075 402	9.883 929		949	
052	9.808 537	9	9.924 614	16	0.075 386	9.883 923	6	948	
053	9.808 546	9	9.924 629	15	0.075 371	9.883 917	6	947	
		9		16			7		
054	9.808 555		9.924 645		0.075 355	9.883 910		946	
055	9.808 564	9	9.924 660	15	0.075 340	9.883 904	6	945	
056	9.808 573	9	9.924 675	15	0.075 325	9.883 897	7	944	
		9		16			6		
057	9.808 582		9.924 691		0.075 309	9.883 891		943	
058	9.808 591	9	9.924 706	15	0.075 294	9.883 885	6	942	
059	9.808 600	9	9.924 722	16	0.075 278	9.883 878	7	941	
		9		15			6		
.060	9.808 609		9.924 737		0.075 263	9.883 872		.940	
		9		15			6		
061	9.808 618		9.924 752		0.075 248	9.883 866		939	
062	9.808 627	9	9.924 768	16	0.075 232	9.883 859	7	938	
063	9.808 636	9	9.924 783	15	0.075 217	9.883 853	6	937	
		9		16			7		
064	9.808 645		9.924 799		0.075 201	9.883 846		936	
065	9.808 654	9	9.924 814	15	0.075 186	9.883 840	6	935	
066	9.808 663	9	9.924 829	15	0.075 171	9.883 834	6	934	
		9		16			7		
067	9.808 672		9.924 845		0.075 155	9.883 827		933	
068	9.808 681	9	9.924 860	15	0.075 140	9.883 821	6	932	
069	9.808 690	9	9.924 875	15	0.075 125	9.883 815	6	931	
		9		16			7		
.070	9.808 699		9.924 891		0.075 109	9.883 808		.930	
		9		15			6		
071	9.808 708		9.924 906		0.075 094	9.883 802		929	
072	9.808 717	9	9.924 922	16	0.075 078	9.883 795	7	928	
073	9.808 726	9	9.924 937	15	0.075 063	9.883 789	6	927	
		9		15			6		
074	9.808 735		9.924 952		0.075 048	9.883 783		926	
075	9.808 744	9	9.924 968	16	0.075 032	9.883 776	7	925	
076	9.808 753	9	9.924 983	15	0.075 017	9.883 770	6	924	
		9		16			6		
077	9.808 762		9.924 999		0.075 001	9.883 764		923	
078	9.808 771	9	9.925 014	15	0.074 986	9.883 757	7	922	
079	9.808 780	9	9.925 029	15	0.074 971	9.883 751	6	921	
		9		16			7		
.080	9.808 789		9.925 045		0.074 955	9.883 744		.920	
		9		15			6		
081	9.808 798		9.925 060		0.074 940	9.883 738		919	
082	9.808 807	9	9.925 075	15	0.074 925	9.883 732	6	918	
083	9.808 816	9	9.925 091	16	0.074 909	9.883 725	7	917	
		9		15			6		
084	9.808 825		9.925 106		0.074 894	9.883 719		916	
085	9.808 834	9	9.925 122	16	0.074 878	9.883 713	6	915	
086	9.808 843	9	9.925 137	15	0.074 863	9.883 706	7	914	
		9		15			6		
087	9.808 852		9.925 152		0.074 848	9.883 700		913	
088	9.808 861	9	9.925 168	16	0.074 832	9.883 693	7	912	
089	9.808 870	9	9.925 183	15	0.074 817	9.883 687	6	911	
		9		16			6		
.090	9.808 879		9.925 199		0.074 801	9.883 681		.910	
		9		15			7		
091	9.808 888		9.925 214		0.074 786	9.883 674		909	
092	9.808 897	9	9.925 229	15	0.074 771	9.883 668	6	908	
093	9.808 906	9	9.925 245	16	0.074 755	9.883 661	7	907	
		9		15			6		
094	9.808 915		9.925 260		0.074 740	9.883 655		906	
095	9.808 924	9	9.925 275	15	0.074 725	9.883 649	6	905	
096	9.808 933	9	9.925 291	16	0.074 709	9.883 642	7	904	
		9		15			6		
097	9.808 942		9.925 306		0.074 694	9.883 636		903	
098	9.808 951	9	9.925 322	16	0.074 678	9.883 630	6	902	
099	9.808 960	9	9.925 337	15	0.074 663	9.883 623	7	901	
		9		15			6		
.100	9.808 969		9.925 352		0.074 648	9.883 617		.900	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
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5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9
1	0.9
2	1.8
3	2.7
4	3.6
5	4.5
6	5.4
7	6.3
8	7.2
9	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.950 — 49°.900

40°.100 — 40°.150

40°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.808 969		9.925 352		0.074 648	9.883 617		.900	
		9		16			7		
101	9.808 978		9.925 368		0.074 632	9.883 610		899	
102	9.808 987	9	9.925 383	15	0.074 617	9.883 604	6	898	
103	9.808 996	9	9.925 399	16	0.074 601	9.883 598	6	897	
		9		15			7		
104	9.809 005		9.925 414		0.074 586	9.883 591		896	
105	9.809 014	9	9.925 429	15	0.074 571	9.883 585	6	895	
106	9.809 023	9	9.925 445	16	0.074 555	9.883 579	6	894	
		9		15			7		
107	9.809 032		9.925 460		0.074 540	9.883 572		893	
108	9.809 041	9	9.925 475	15	0.074 525	9.883 566	6	892	
109	9.809 050	9	9.925 491	16	0.074 509	9.883 559	7	891	
		9		15			6		
.110	9.809 059		9.925 506		0.074 494	9.883 553		.890	
		9		16			6		
111	9.809 068		9.925 522		0.074 478	9.883 547		889	
112	9.809 077	9	9.925 537	15	0.074 463	9.883 540	7	888	
113	9.809 086	9	9.925 552	15	0.074 448	9.883 534	6	887	
		9		16			7		
114	9.809 095		9.925 568		0.074 432	9.883 527		886	
115	9.809 104	9	9.925 583	15	0.074 417	9.883 521	6	885	
116	9.809 113	9	9.925 599	16	0.074 401	9.883 515	6	884	
		9		15			7		
117	9.809 122		9.925 614		0.074 386	9.883 508		883	
118	9.809 131	9	9.925 629	15	0.074 371	9.883 502	6	882	
119	9.809 140	9	9.925 645	16	0.074 355	9.883 495	7	881	
		9		15			6		
.120	9.809 149		9.925 660		0.074 340	9.883 489		.880	
		9		15			6		
121	9.809 158		9.925 675		0.074 325	9.883 483		879	
122	9.809 167	9	9.925 691	16	0.074 309	9.883 476	7	878	
123	9.809 176	9	9.925 706	15	0.074 294	9.883 470	6	877	
		9		16			6		
124	9.809 185		9.925 722		0.074 278	9.883 464		876	
125	9.809 194	9	9.925 737	15	0.074 263	9.883 457	7	875	
126	9.809 203	9	9.925 752	15	0.074 248	9.883 451	6	874	
		9		16			7		
127	9.809 212		9.925 768		0.074 232	9.883 444		873	
128	9.809 221	9	9.925 783	15	0.074 217	9.883 438	6	872	
129	9.809 230	9	9.925 799	16	0.074 201	9.883 432	6	871	
		9		15			7		
.130	9.809 239		9.925 814		0.074 186	9.883 425		.870	
		9		15			6		
131	9.809 248		9.925 829		0.074 171	9.883 419		869	
132	9.809 257	9	9.925 845	16	0.074 155	9.883 412	7	868	
133	9.809 266	9	9.925 860	15	0.074 140	9.883 406	6	867	
		9		15			6		
134	9.809 275		9.925 875		0.074 125	9.883 400		866	
135	9.809 284	9	9.925 891	16	0.074 109	9.883 393	7	865	
136	9.809 293	9	9.925 906	15	0.074 094	9.883 387	6	864	
		9		16			7		
137	9.809 302		9.925 922		0.074 078	9.883 380		863	
138	9.809 311	9	9.925 937	15	0.074 063	9.883 374	6	862	
139	9.809 320	9	9.925 952	15	0.074 048	9.883 368	6	861	
		9		16			7		
.140	9.809 329		9.925 968		0.074 032	9.883 361		.860	
		9		15			6		
141	9.809 338		9.925 983		0.074 017	9.883 355		859	
142	9.809 347	9	9.925 998	15	0.074 002	9.883 349	6	858	
143	9.809 356	9	9.926 014	16	0.073 986	9.883 342	7	857	
		9		15			6		
144	9.809 365		9.926 029		0.073 971	9.883 336		856	
145	9.809 374	9	9.926 045	16	0.073 955	9.883 329	7	855	
146	9.809 383	9	9.926 060	15	0.073 940	9.883 323	6	854	
		9		15			6		
147	9.809 392		9.926 075		0.073 925	9.883 317		853	
148	9.809 401	9	9.926 091	16	0.073 909	9.883 310	7	852	
149	9.809 410	9	9.926 106	15	0.073 894	9.883 304	6	851	
		9		16			7		
.150	9.809 419		9.926 122		0.073 878	9.883 297		.850	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9
1	0.9
2	1.8
3	2.7
4	3.6
5	4.5
6	5.4
7	6.3
8	7.2
9	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.900 — 49°.850

40°.150 — 40°.200

40°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.809 419		9.926 122		0.073 878	9.883 297		.850	
		9		15			6		
151	9.809 428		9.926 137		0.073 863	9.883 291		849	
		9		15			6		
152	9.809 437		9.926 152		0.073 848	9.883 285		848	
		9		16			7		
153	9.809 446		9.926 168		0.073 832	9.883 278		847	
		9		15			6		
154	9.809 455		9.926 183		0.073 817	9.883 272		846	
		9		15			7		
155	9.809 464		9.926 198		0.073 802	9.883 265		845	
		9		16			6		
156	9.809 473		9.926 214		0.073 786	9.883 259		844	
		9		15			6		
157	9.809 482		9.926 229		0.073 771	9.883 253		843	
		9		16			7		
158	9.809 491		9.926 245		0.073 755	9.883 246		842	
		9		15			6		
159	9.809 500		9.926 260		0.073 740	9.883 240		841	
		9		15			7		
.160	9.809 509		9.926 275		0.073 725	9.883 233		.840	
		9		16			6		
161	9.809 518		9.926 291		0.073 709	9.883 227		839	
		9		15			6		
162	9.809 527		9.926 306		0.073 694	9.883 221		838	
		9		15			7		
163	9.809 536		9.926 321		0.073 679	9.883 214		837	
		9		16			6		
164	9.809 545		9.926 337		0.073 663	9.883 208		836	
		9		15			7		
165	9.809 554		9.926 352		0.073 648	9.883 201		835	
		9		16			6		
166	9.809 563		9.926 368		0.073 632	9.883 195		834	
		9		15			6		
167	9.809 572		9.926 383		0.073 617	9.883 189		833	
		9		15			7		
168	9.809 581		9.926 398		0.073 602	9.883 182		832	
		9		16			6		
169	9.809 590		9.926 414		0.073 586	9.883 176		831	
		9		15			7		
.170	9.809 599		9.926 429		0.073 571	9.883 169		.830	
		9		15			6		
171	9.809 608		9.926 444		0.073 556	9.883 163		829	
		9		16			6		
172	9.809 617		9.926 460		0.073 540	9.883 157		828	
		8		15			7		
173	9.809 625		9.926 475		0.073 525	9.883 150		827	
		9		16			6		
174	9.809 634		9.926 491		0.073 509	9.883 144		826	
		9		15			7		
175	9.809 643		9.926 506		0.073 494	9.883 137		825	
		9		15			6		
176	9.809 652		9.926 521		0.073 479	9.883 131		824	
		9		16			6		
177	9.809 661		9.926 537		0.073 463	9.883 125		823	
		9		15			7		
178	9.809 670		9.926 552		0.073 448	9.883 118		822	
		9		15			6		
179	9.809 679		9.926 567		0.073 433	9.883 112		821	
		9		16			7		
.180	9.809 688		9.926 583		0.073 417	9.883 105		.820	
		9		15			6		
181	9.809 697		9.926 598		0.073 402	9.883 099		819	
		9		16			6		
182	9.809 706		9.926 614		0.073 386	9.883 093		818	
		9		15			7		
183	9.809 715		9.926 629		0.073 371	9.883 086		817	
		9		15			6		
184	9.809 724		9.926 644		0.073 356	9.883 080		816	
		9		16			7		
185	9.809 733		9.926 660		0.073 340	9.883 073		815	
		9		15			6		
186	9.809 742		9.926 675		0.073 325	9.883 067		814	
		9		15			6		
187	9.809 751		9.926 690		0.073 310	9.883 061		813	
		9		16			7		
188	9.809 760		9.926 706		0.073 294	9.883 054		812	
		9		15			6		
189	9.809 769		9.926 721		0.073 279	9.883 048		811	
		9		16			7		
.190	9.809 778		9.926 737		0.073 263	9.883 041		.810	
		9		15			6		
191	9.809 787		9.926 752		0.073 248	9.883 035		809	
		9		15			6		
192	9.809 796		9.926 767		0.073 233	9.883 029		808	
		9		16			7		
193	9.809 805		9.926 783		0.073 217	9.883 022		807	
		9		15			6		
194	9.809 814		9.926 798		0.073 202	9.883 016		806	
		9		16			7		
195	9.809 823		9.926 814		0.073 186	9.883 009		805	
		9		15			6		
196	9.809 832		9.926 829		0.073 171	9.883 003		804	
		9		15			6		
197	9.809 841		9.926 844		0.073 156	9.882 997		803	
		9		16			7		
198	9.809 850		9.926 860		0.073 140	9.882 990		802	
		9		15			6		
199	9.809 859		9.926 875		0.073 125	9.882 984		801	
		9		15			7		
.200	9.809 868		9.926 890		0.073 110	9.882 977		.800	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.850 — 49°.800

$40^\circ.200$ — $40^\circ.250$

40°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.809 868		9.926 890		0.073 110	9.882 977		**.800**	
		9		16			6		
201	9.809 877		9.926 906		0.073 094	9.882 971		799	
202	9.809 886	9	9.926 921	15	0.073 079	9.882 965	6	798	
203	9.809 895	9	9.926 937	16	0.073 063	9.882 958	7	797	
		9		15			6		
204	9.809 904		9.926 952		0.073 048	9.882 952		796	
205	9.809 913	9	9.926 967	15	0.073 033	9.882 945	7	795	
206	9.809 922	9	9.926 983	16	0.073 017	9.882 939	6	794	
		9		15			6		
207	9.809 931		9.926 998		0.073 002	9.882 933		793	
208	9.809 940	9	9.927 013	15	0.072 987	9.882 926	7	792	
209	9.809 948	8	9.927 029	16	0.072 971	9.882 920	6	791	
		9		15			7		
.210	9.809 957		9.927 044		0.072 956	9.882 913		**.790**	
		9		16			6		
211	9.809 966		9.927 060		0.072 940	9.882 907		789	
212	9.809 975	9	9.927 075	15	0.072 925	9.882 901	6	788	
213	9.809 984	9	9.927 090	15	0.072 910	9.882 894	7	787	
		9		16			6		
214	9.809 993		9.927 106		0.072 894	9.882 888		786	
215	9.810 002	9	9.927 121	15	0.072 879	9.882 881	7	785	
216	9.810 011	9	9.927 136	15	0.072 864	9.882 875	6	784	
		9		16			7		
217	9.810 020		9.927 152		0.072 848	9.882 868		783	
218	9.810 029	9	9.927 167	15	0.072 833	9.882 862	6	782	
219	9.810 038	9	9.927 182	15	0.072 818	9.882 856	6	781	
		9		16			7		
.220	9.810 047		9.927 198		0.072 802	9.882 849		**.780**	
		9		15			6		
221	9.810 056		9.927 213		0.072 787	9.882 843		779	
222	9.810 065	9	9.927 229	16	0.072 771	9.882 836	7	778	
223	9.810 074	9	9.927 244	15	0.072 756	9.882 830	6	777	
		9		15			6		
224	9.810 083		9.927 259		0.072 741	9.882 824		776	
225	9.810 092	9	9.927 275	16	0.072 725	9.882 817	7	775	
226	9.810 101	9	9.927 290	15	0.072 710	9.882 811	6	774	
		9		15			7		
227	9.810 110		9.927 305		0.072 695	9.882 804		773	
228	9.810 119	9	9.927 321	16	0.072 679	9.882 798	6	772	
229	9.810 128	9	9.927 336	15	0.072 664	9.882 792	6	771	
		9		16			7		
.230	9.810 137		9.927 352		0.072 648	9.882 785		**.770**	
		9		15			6		
231	9.810 146		9.927 367		0.072 633	9.882 779		769	
232	9.810 155	9	9.927 382	15	0.072 618	9.882 772	7	768	
233	9.810 164	9	9.927 398	16	0.072 602	9.882 766	6	767	
		9		15			7		
234	9.810 173		9.927 413		0.072 587	9.882 759		766	
235	9.810 182	9	9.927 428	15	0.072 572	9.882 753	6	765	
236	9.810 190	8	9.927 444	16	0.072 556	9.882 747	6	764	
		9		15			7		
237	9.810 199		9.927 459		0.072 541	9.882 740		763	
238	9.810 208	9	9.927 475	16	0.072 525	9.882 734	6	762	
239	9.810 217	9	9.927 490	15	0.072 510	9.882 727	7	761	
		9		15			6		
.240	9.810 226		9.927 505		0.072 495	9.882 721		**.760**	
		9		16			6		
241	9.810 235		9.927 521		0.072 479	9.882 715		759	
242	9.810 244	9	9.927 536	15	0.072 464	9.882 708	7	758	
243	9.810 253	9	9.927 551	15	0.072 449	9.882 702	6	757	
		9		16			7		
244	9.810 262		9.927 567		0.072 433	9.882 695		756	
245	9.810 271	9	9.927 582	15	0.072 418	9.882 689	6	755	
246	9.810 280	9	9.927 598	16	0.072 402	9.882 683	6	754	
		9		15			7		
247	9.810 289		9.927 613		0.072 387	9.882 676		753	
248	9.810 298	9	9.927 628	15	0.072 372	9.882 670	6	752	
249	9.810 307	9	9.927 644	16	0.072 356	9.882 663	7	751	
		9		15			6		
.250	9.810 316		9.927 659		0.072 341	9.882 657		**.750**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

$49^\circ.800$ — $49^\circ.750$

$40^\circ.250 - 40^\circ.300$

40°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.810 316		9.927 659		0.072 341	9.882 657		**.750**	
		9		15			7		
251	9.810 325		9.927 674		0.072 326	9.882 650		749	
		9		16			6		
252	9.810 334		9.927 690		0.072 310	9.882 644		748	
		9		15			6		
253	9.810 343		9.927 705		0.072 295	9.882 638		747	
		9		16			7		
254	9.810 352		9.927 721		0.072 279	9.882 631		746	
		9		15			6		
255	9.810 361		9.927 736		0.072 264	9.882 625		745	
		9		15			7		
256	9.810 370		9.927 751		0.072 249	9.882 618		744	
		9		16			6		
257	9.810 379		9.927 767		0.072 233	9.882 612		743	
		8		15			7		
258	9.810 387		9.927 782		0.072 218	9.882 605		742	
		9		15			6		
259	9.810 396		9.927 797		0.072 203	9.882 599		741	
		9		16			6		
.260	9.810 405		9.927 813		0.072 187	9.882 593		**.740**	
		9		15			7		
261	9.810 414		9.927 828		0.072 172	9.882 586		739	
		9		15			6		
262	9.810 423		9.927 843		0.072 157	9.882 580		738	
		9		16			7		
263	9.810 432		9.927 859		0.072 141	9.882 573		737	
		9		15			6		
264	9.810 441		9.927 874		0.072 126	9.882 567		736	
		9		16			6		
265	9.810 450		9.927 890		0.072 110	9.882 561		735	
		9		15			7		
266	9.810 459		9.927 905		0.072 095	9.882 554		734	
		9		15			6		
267	9.810 468		9.927 920		0.072 080	9.882 548		733	
		9		16			7		
268	9.810 477		9.927 936		0.072 064	9.882 541		732	
		9		15			6		
269	9.810 486		9.927 951		0.072 049	9.882 535		731	
		9		15			7		
.270	9.810 495		9.927 966		0.072 034	9.882 528		**.730**	
		9		16			6		
271	9.810 504		9.927 982		0.072 018	9.882 522		729	
		9		15			6		
272	9.810 513		9.927 997		0.072 003	9.882 516		728	
		9		16			7		
273	9.810 522		9.928 013		0.071 987	9.882 509		727	
		9		15			6		
274	9.810 531		9.928 028		0.071 972	9.882 503		726	
		9		15			7		
275	9.810 540		9.928 043		0.071 957	9.882 496		725	
		9		16			6		
276	9.810 549		9.928 059		0.071 941	9.882 490		724	
		8		15			6		
277	9.810 557		9.928 074		0.071 926	9.882 484		723	
		9		15			7		
278	9.810 566		9.928 089		0.071 911	9.882 477		722	
		9		16			6		
279	9.810 575		9.928 105		0.071 895	9.882 471		721	
		9		15			7		
.280	9.810 584		9.928 120		0.071 880	9.882 464		**.720**	
		9		15			6		
281	9.810 593		9.928 135		0.071 865	9.882 458		719	
		9		16			7		
282	9.810 602		9.928 151		0.071 849	9.882 451		718	
		9		15			6		
283	9.810 611		9.928 166		0.071 834	9.882 445		717	
		9		16			6		
284	9.810 620		9.928 182		0.071 818	9.882 439		716	
		9		15			7		
285	9.810 629		9.928 197		0.071 803	9.882 432		715	
		9		15			6		
286	9.810 638		9.928 212		0.071 788	9.882 426		714	
		9		16			7		
287	9.810 647		9.928 228		0.071 772	9.882 419		713	
		9		15			6		
288	9.810 656		9.928 243		0.071 757	9.882 413		712	
		9		15			7		
289	9.810 665		9.928 258		0.071 742	9.882 406		711	
		9		16			6		
.290	9.810 674		9.928 274		0.071 726	9.882 400		**.710**	
		9		15			6		
291	9.810 683		9.928 289		0.071 711	9.882 394		709	
		9		16			7		
292	9.810 692		9.928 305		0.071 695	9.882 387		708	
		9		15			6		
293	9.810 701		9.928 320		0.071 680	9.882 381		707	
		9		15			7		
294	9.810 710		9.928 335		0.071 665	9.882 374		706	
		8		16			6		
295	9.810 718		9.928 351		0.071 649	9.882 368		705	
		9		15			7		
296	9.810 727		9.928 366		0.071 634	9.882 361		704	
		9		15			6		
297	9.810 736		9.928 381		0.071 619	9.882 355		703	
		9		16			6		
298	9.810 745		9.928 397		0.071 603	9.882 349		702	
		9		15			7		
299	9.810 754		9.928 412		0.071 588	9.882 342		701	
		9		15			6		
.300	9.810 763		9.928 427		0.071 573	9.882 336		**.700**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

$49^\circ.750 - 49^\circ.700$

$40^\circ.300$ — $40^\circ.350$

40°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.810 763		9.928 427		0.071 573	9.882 336		**.700**	
		9		16			7		
301	9.810 772		9.928 443		0.071 557	9.882 329		699	
302	9.810 781	9	9.928 458	15	0.071 542	9.882 323	6	698	
303	9.810 790	9	9.928 474	16	0.071 526	9.882 316	7	697	
		9		15			6		
304	9.810 799		9.928 489		0.071 511	9.882 310		696	
305	9.810 808	9	9.928 504	15	0.071 496	9.882 304	6	695	
306	9.810 817	9	9.928 520	16	0.071 480	9.882 297	7	694	
		9		15			6		
307	9.810 826		9.928 535		0.071 465	9.882 291		693	
308	9.810 835	9	9.928 550	15	0.071 450	9.882 284	7	692	
309	9.810 844	9	9.928 566	16	0.071 434	9.882 278	6	691	
		9		15			7		
.310	9.810 853		9.928 581		0.071 419	9.882 271		**.690**	
		8		15			6		
311	9.810 861		9.928 596		0.071 404	9.882 265		689	
312	9.810 870	9	9.928 612	16	0.071 388	9.882 259	6	688	
313	9.810 879	9	9.928 627	15	0.071 373	9.882 252	7	687	
		9		16			6		
314	9.810 888		9.928 643		0.071 357	9.882 246		686	
315	9.810 897	9	9.928 658	15	0.071 342	9.882 239	7	685	
316	9.810 906	9	9.928 673	15	0.071 327	9.882 233	6	684	
		9		16			7		
317	9.810 915		9.928 689		0.071 311	9.882 226		683	
318	9.810 924	9	9.928 704	15	0.071 296	9.882 220	6	682	
319	9.810 933	9	9.928 719	15	0.071 281	9.882 214	6	681	
		9		16			7		
.320	9.810 942		9.928 735		0.071 265	9.882 207		**.680**	
		9		15			6		
321	9.810 951		9.928 750		0.071 250	9.882 201		679	
322	9.810 960	9	9.928 765	15	0.071 235	9.882 194	7	678	
323	9.810 969	9	9.928 781	16	0.071 219	9.882 188	6	677	
		9		15			7		
324	9.810 978		9.928 796		0.071 204	9.882 181		676	
325	9.810 986	8	9.928 812	16	0.071 188	9.882 175	6	675	
326	9.810 995	9	9.928 827	15	0.071 173	9.882 169	6	674	
		9		15			7		
327	9.811 004		9.928 842		0.071 158	9.882 162		673	
328	9.811 013	9	9.928 858	16	0.071 142	9.882 156	6	672	
329	9.811 022	9	9.928 873	15	0.071 127	9.882 149	7	671	
		9		15			6		
.330	9.811 031		9.928 888		0.071 112	9.882 143		**.670**	
		9		16			7		
331	9.811 040		9.928 904		0.071 096	9.882 136		669	
332	9.811 049	9	9.928 919	15	0.071 081	9.882 130	6	668	
333	9.811 058	9	9.928 934	15	0.071 066	9.882 123	7	667	
		9		16			6		
334	9.811 067		9.928 950		0.071 050	9.882 117		666	
335	9.811 076	9	9.928 965	15	0.071 035	9.882 111	6	665	
336	9.811 085	9	9.928 981	16	0.071 019	9.882 104	7	664	
		9		15			6		
337	9.811 094		9.928 996		0.071 004	9.882 098		663	
338	9.811 103	9	9.929 011	15	0.070 989	9.882 091	7	662	
339	9.811 111	8	9.929 027	16	0.070 973	9.882 085	6	661	
		9		15			7		
.340	9.811 120		9.929 042		0.070 958	9.882 078		**.660**	
		9		15			6		
341	9.811 129		9.929 057		0.070 943	9.882 072		659	
342	9.811 138	9	9.929 073	16	0.070 927	9.882 066	6	658	
343	9.811 147	9	9.929 088	15	0.070 912	9.882 059	7	657	
		9		15			6		
344	9.811 156		9.929 103		0.070 897	9.882 053		656	
345	9.811 165	9	9.929 119	16	0.070 881	9.882 046	7	655	
346	9.811 174	9	9.929 134	15	0.070 866	9.882 040	6	654	
		9		16			7		
347	9.811 183		9.929 150		0.070 850	9.882 033		653	
348	9.811 192	9	9.929 165	15	0.070 835	9.882 027	6	652	
349	9.811 201	9	9.929 180	15	0.070 820	9.882 020	7	651	
		9		16			6		
.350	9.811 210		9.929 196		0.070 804	9.882 014		**.650**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

$49^\circ.700$ — $49^\circ.650$

40°.350 — 40°.400

40°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.811 210		9.929 196		0.070 804	9.882 014		.650	
		9		15			6		
351	9.811 219	8	9.929 211	15	0.070 789	9.882 008	7	649	
352	9.811 227	9	9.929 226	15	0.070 774	9.882 001	6	648	
353	9.811 236	9	9.929 242	16	0.070 758	9.881 995	7	647	
354	9.811 245	9	9.929 257	15	0.070 743	9.881 988	6	646	
355	9.811 254	9	9.929 272	15	0.070 728	9.881 982	7	645	
356	9.811 263	9	9.929 288	16	0.070 712	9.881 975	6	644	
357	9.811 272	9	9.929 303	15	0.070 697	9.881 969	7	643	
358	9.811 281	9	9.929 319	16	0.070 681	9.881 962	6	642	
359	9.811 290	9	9.929 334	15	0.070 666	9.881 956	6	641	
.360	9.811 299	9	9.929 349	15	0.070 651	9.881 950	7	.640	
361	9.811 308	9	9.929 365	16	0.070 635	9.881 943	6	639	
362	9.811 317	9	9.929 380	15	0.070 620	9.881 937	7	638	
363	9.811 326	9	9.929 395	15	0.070 605	9.881 930	6	637	
364	9.811 335	8	9.929 411	16	0.070 589	9.881 924	7	636	
365	9.811 343	9	9.929 426	15	0.070 574	9.881 917	6	635	
366	9.811 352	9	9.929 441	15	0.070 559	9.881 911	6	634	
367	9.811 361	9	9.929 457	16	0.070 543	9.881 905	7	633	
368	9.811 370	9	9.929 472	15	0.070 528	9.881 898	6	632	
369	9.811 379	9	9.929 487	15	0.070 513	9.881 892	7	631	
.370	9.811 388	9	9.929 503	16	0.070 497	9.881 885	6	.630	
371	9.811 397	9	9.929 518	15	0.070 482	9.881 879	7	629	
372	9.811 406	9	9.929 534	16	0.070 466	9.881 872	6	628	
373	9.811 415	9	9.929 549	15	0.070 451	9.881 866	7	627	
374	9.811 424	9	9.929 564	15	0.070 436	9.881 859	6	626	
375	9.811 433	9	9.929 580	16	0.070 420	9.881 853	6	625	
376	9.811 442	9	9.929 595	15	0.070 405	9.881 847	7	624	
377	9.811 450	8	9.929 610	15	0.070 390	9.881 840	6	623	
378	9.811 459	9	9.929 626	16	0.070 374	9.881 834	6	622	
379	9.811 468	9	9.929 641	15	0.070 359	9.881 827	7	621	
.380	9.811 477	9	9.929 656	15	0.070 344	9.881 821	6	.620	
381	9.811 486	9	9.929 672	16	0.070 328	9.881 814	7	619	
382	9.811 495	9	9.929 687	15	0.070 313	9.881 808	6	618	
383	9.811 504	9	9.929 703	16	0.070 297	9.881 801	7	617	
384	9.811 513	9	9.929 718	15	0.070 282	9.881 795	6	616	
385	9.811 522	9	9.929 733	15	0.070 267	9.881 788	7	615	
386	9.811 531	9	9.929 749	16	0.070 251	9.881 782	6	614	
387	9.811 540	8	9.929 764	15	0.070 236	9.881 776	6	613	
388	9.811 548	9	9.929 779	15	0.070 221	9.881 769	7	612	
389	9.811 557	9	9.929 795	16	0.070 205	9.881 763	6	611	
.390	9.811 566	9	9.929 810	15	0.070 190	9.881 756	7	.610	
391	9.811 575	9	9.929 825	15	0.070 175	9.881 750	6	609	
392	9.811 584	9	9.929 841	16	0.070 159	9.881 743	7	608	
393	9.811 593	9	9.929 856	15	0.070 144	9.881 737	6	607	
394	9.811 602	9	9.929 871	15	0.070 129	9.881 730	7	606	
395	9.811 611	9	9.929 887	16	0.070 113	9.881 724	6	605	
396	9.811 620	9	9.929 902	15	0.070 098	9.881 718	6	604	
397	9.811 629	9	9.929 918	16	0.070 082	9.881 711	7	603	
398	9.811 638	9	9.929 933	15	0.070 067	9.881 705	6	602	
399	9.811 646	8	9.929 948	15	0.070 052	9.881 698	7	601	
.400	9.811 655	9	9.929 964	16	0.070 036	9.881 692	6	.600	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.650 — 49°.600

$40^\circ.400$ — $40^\circ.450$

40°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.811 655		9.929 964		0.070 036	9.881 692		**.600**	
		9		15			7		
401	9.811 664		9.929 979		0.070 021	9.881 685		599	
402	9.811 673	9	9.929 994	15	0.070 006	9.881 679	6	598	
403	9.811 682	9	9.930 010	16	0.069 990	9.881 672	7	597	
		9		15			6		
404	9.811 691		9.930 025		0.069 975	9.881 666		596	
405	9.811 700	9	9.930 040	15	0.069 960	9.881 659	7	595	
406	9.811 709	9	9.930 056	16	0.069 944	9.881 653	6	594	
		9		15			6		
407	9.811 718		9.930 071		0.069 929	9.881 647		593	
408	9.811 727	9	9.930 086	15	0.069 914	9.881 640	7	592	
409	9.811 736	9	9.930 102	16	0.069 898	9.881 634	6	591	
		8		15			7		
.410	9.811 744		9.930 117		0.069 883	9.881 627		**.590**	
		9		16			6		
411	9.811 753		9.930 133		0.069 867	9.881 621		589	
412	9.811 762	9	9.930 148	15	0.069 852	9.881 614	7	588	
413	9.811 771	9	9.930 163	15	0.069 837	9.881 608	6	587	
		9		16			7		
414	9.811 780		9.930 179		0.069 821	9.881 601	6	586	
415	9.811 789	9	9.930 194	15	0.069 806	9.881 595	6	585	
416	9.811 798	9	9.930 209	15	0.069 791	9.881 589		584	
		9		16			7		
417	9.811 807		9.930 225		0.069 775	9.881 582	6	583	
418	9.811 816	9	9.930 240	15	0.069 760	9.881 576	7	582	
419	9.811 825	9	9.930 255	15	0.069 745	9.881 569	6	581	
		8		16			6		
.420	9.811 833		9.930 271		0.069 729	9.881 563		**.580**	
		9		15			7		
421	9.811 842		9.930 286		0.069 714	9.881 556	6	579	
422	9.811 851	9	9.930 301	15	0.069 699	9.881 550		578	
423	9.811 860	9	9.930 317	16	0.069 683	9.881 543	7	577	
		9		15			6		
424	9.811 869		9.930 332		0.069 668	9.881 537		576	
425	9.811 878	9	9.930 348	16	0.069 652	9.881 530	7	575	
426	9.811 887	9	9.930 363	15	0.069 637	9.881 524	6	574	
		9		15			7		
427	9.811 896		9.930 378		0.069 622	9.881 517		573	
428	9.811 905	9	9.930 394	16	0.069 606	9.881 511	6	572	
429	9.811 914	9	9.930 409	15	0.069 591	9.881 505	6	571	
		8		15			7		
.430	9.811 922		9.930 424		0.069 576	9.881 498		**.570**	
		9		16			6		
431	9.811 931		9.930 440		0.069 560	9.881 492		569	
432	9.811 940	9	9.930 455	15	0.069 545	9.881 485	7	568	
433	9.811 949	9	9.930 470	15	0.069 530	9.881 479	6	567	
		9		16			7		
434	9.811 958		9.930 486		0.069 514	9.881 472	6	566	
435	9.811 967	9	9.930 501	15	0.069 499	9.881 466		565	
436	9.811 976	9	9.930 516	15	0.069 484	9.881 459	7	564	
		9		16			6		
437	9.811 985		9.930 532		0.069 468	9.881 453		563	
438	9.811 994	9	9.930 547	15	0.069 453	9.881 446	7	562	
439	9.812 002	8	9.930 562	15	0.069 438	9.881 440	6	561	
		9		16			6		
.440	9.812 011		9.930 578		0.069 422	9.881 434		**.560**	
		9		15			7		
441	9.812 020		9.930 593		0.069 407	9.881 427		559	
442	9.812 029	9	9.930 609	16	0.069 391	9.881 421	6	558	
443	9.812 038	9	9.930 624	15	0.069 376	9.881 414	7	557	
		9		15			6		
444	9.812 047		9.930 639		0.069 361	9.881 408		556	
445	9.812 056	9	9.930 655	16	0.069 345	9.881 401	7	555	
446	9.812 065	9	9.930 670	15	0.069 330	9.881 395	6	554	
		9		15			7		
447	9.812 074		9.930 685		0.069 315	9.881 388		553	
448	9.812 082	8	9.930 701	16	0.069 299	9.881 382	6	552	
449	9.812 091	9	9.930 716	15	0.069 284	9.881 375	7	551	
		9		15			6		
.450	9.812 100		9.930 731		0.069 269	9.881 369		**.550**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

$49^\circ.600$ — $49^\circ.550$

40°.450 — 40°.500

40°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.812 100		9.930 731		0.069 269	9.881 369		**.550**	
		9		16			7		
451	9.812 109		9.930 747		0.069 253	9.881 362		549	
452	9.812 118	9	9.930 762	15	0.069 238	9.881 356	6	548	
453	9.812 127	9	9.930 777	15	0.069 223	9.881 350	6	547	
		9		16			7		
454	9.812 136		9.930 793		0.069 207	9.881 343		546	
455	9.812 145	9	9.930 808	15	0.069 192	9.881 337	6	545	
456	9.812 154	9	9.930 823	15	0.069 177	9.881 330	7	544	
		9		16			6		
457	9.812 163		9.930 839		0.069 161	9.881 324		543	
458	9.812 171	8	9.930 854	15	0.069 146	9.881 317	7	542	
459	9.812 180	9	9.930 870	16	0.069 130	9.881 311	6	541	
		9		15			7		
.460	9.812 189		9.930 885		0.069 115	9.881 304		**.540**	
		9		15			6		
461	9.812 198		9.930 900		0.069 100	9.881 298		539	
462	9.812 207	9	9.930 916	16	0.069 084	9.881 291	7	538	
463	9.812 216	9	9.930 931	15	0.069 069	9.881 285	6	537	
		9		15			7		
464	9.812 225		9.930 946		0.069 054	9.881 278		536	
465	9.812 234	9	9.930 962	16	0.069 038	9.881 272	6	535	
466	9.812 242	8	9.930 977	15	0.069 023	9.881 265	7	534	
		9		15			6		
467	9.812 251		9.930 992		0.069 008	9.881 259		533	
468	9.812 260	9	9.931 008	16	0.068 992	9.881 253	6	532	
469	9.812 269	9	9.931 023	15	0.068 977	9.881 246	7	531	
		9		15			6		
.470	9.812 278		9.931 038		0.068 962	9.881 240		**.530**	
		9		16			7		
471	9.812 287		9.931 054		0.068 946	9.881 233		529	
472	9.812 296	9	9.931 069	15	0.068 931	9.881 227	6	528	
473	9.812 305	9	9.931 084	15	0.068 916	9.881 220	7	527	
		9		16			6		
474	9.812 314		9.931 100		0.068 900	9.881 214		526	
475	9.812 322	8	9.931 115	15	0.068 885	9.881 207	7	525	
476	9.812 331	9	9.931 131	16	0.068 869	9.881 201	6	524	
		9		15			7		
477	9.812 340		9.931 146		0.068 854	9.881 194		523	
478	9.812 349	9	9.931 161	15	0.068 839	9.881 188	6	522	
479	9.812 358	9	9.931 177	16	0.068 823	9.881 181	7	521	
		9		15			6		
.480	9.812 367		9.931 192		0.068 808	9.881 175		**.520**	
		9		15			7		
481	9.812 376		9.931 207		0.068 793	9.881 168		519	
482	9.812 385	9	9.931 223	16	0.068 777	9.881 162	6	518	
483	9.812 393	8	9.931 238	15	0.068 762	9.881 156	6	517	
		9		15			7		
484	9.812 402		9.931 253		0.068 747	9.881 149		516	
485	9.812 411	9	9.931 269	16	0.068 731	9.881 143	6	515	
486	9.812 420	9	9.931 284	15	0.068 716	9.881 136	7	514	
		9		15			6		
487	9.812 429		9.931 299		0.068 701	9.881 130		513	
488	9.812 438	9	9.931 315	16	0.068 685	9.881 123	7	512	
489	9.812 447	9	9.931 330	15	0.068 670	9.881 117	6	511	
		9		15			7		
.490	9.812 456		9.931 345		0.068 655	9.881 110		**.510**	
		9		16			6		
491	9.812 465		9.931 361		0.068 639	9.881 104		509	
492	9.812 473	8	9.931 376	15	0.068 624	9.881 097	7	508	
493	9.812 482	9	9.931 391	15	0.068 609	9.881 091	6	507	
		9		16			7		
494	9.812 491		9.931 407		0.068 593	9.881 084		506	
495	9.812 500	9	9.931 422	15	0.068 578	9.881 078	6	505	
496	9.812 509	9	9.931 438	16	0.068 562	9.881 071	7	504	
		9		15			6		
497	9.812 518		9.931 453		0.068 547	9.881 065		503	
498	9.812 527	9	9.931 468	15	0.068 532	9.881 058	7	502	
499	9.812 536	9	9.931 484	16	0.068 516	9.881 052	6	501	
		8		15			6		
.500	9.812 544		9.931 499		0.068 501	9.881 046		**.500**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.550 — 49°.500

$40^\circ.500 - 40^\circ.550$

40°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.812 544		9.931 499		0.068 501	9.881 046		**.500**	
		9		15			7		
501	9.812 553		9.931 514		0.068 486	9.881 039		499	
502	9.812 562	9	9.931 530	16	0.068 470	9.881 033	6	498	
503	9.812 571	9	9.931 545	15	0.068 455	9.881 026	7	497	
		9		15			6		
504	9.812 580		9.931 560		0.068 440	9.881 020		496	
505	9.812 589	9	9.931 576	16	0.068 424	9.881 013	7	495	
506	9.812 598	9	9.931 591	15	0.068 409	9.881 007	6	494	
		9		15			7		
507	9.812 607		9.931 606		0.068 394	9.881 000		493	
508	9.812 615	8	9.931 622	16	0.068 378	9.880 994	6	492	
509	9.812 624	9	9.931 637	15	0.068 363	9.880 987	7	491	
		9		15			6		
.510	9.812 633		9.931 652		0.068 348	9.880 981		**.490**	
		9		16			7		
511	9.812 642		9.931 668		0.068 332	9.880 974		489	
512	9.812 651	9	9.931 683	15	0.068 317	9.880 968	6	488	
513	9.812 660	9	9.931 698	15	0.068 302	9.880 961	7	487	
		9		16			6		
514	9.812 669		9.931 714		0.068 286	9.880 955		486	
515	9.812 678	9	9.931 729	15	0.068 271	9.880 948	7	485	
516	9.812 686	8	9.931 744	15	0.068 256	9.880 942	6	484	
		9		16			7		
517	9.812 695		9.931 760		0.068 240	9.880 935		483	
518	9.812 704	9	9.931 775	15	0.068 225	9.880 929	6	482	
519	9.812 713	9	9.931 791	16	0.068 209	9.880 922	7	481	
		9		15			6		
.520	9.812 722		9.931 806		0.068 194	9.880 916		**.480**	
		9		15			6		
521	9.812 731		9.931 821		0.068 179	9.880 910		479	
522	9.812 740	9	9.931 837	16	0.068 163	9.880 903	7	478	
523	9.812 748	8	9.931 852	15	0.068 148	9.880 897	6	477	
		9		15			7		
524	9.812 757		9.931 867		0.068 133	9.880 890		476	
525	9.812 766	9	9.931 883	16	0.068 117	9.880 884	6	475	
526	9.812 775	9	9.931 898	15	0.068 102	9.880 877	7	474	
		9		15			6		
527	9.812 784		9.931 913		0.068 087	9.880 871		473	
528	9.812 793	9	9.931 929	16	0.068 071	9.880 864	7	472	
529	9.812 802	9	9.931 944	15	0.068 056	9.880 858	6	471	
		9		15			7		
.530	9.812 811		9.931 959		0.068 041	9.880 851		**.470**	
		8		16			6		
531	9.812 819		9.931 975		0.068 025	9.880 845		469	
532	9.812 828	9	9.931 990	15	0.068 010	9.880 838	7	468	
533	9.812 837	9	9.932 005	15	0.067 995	9.880 832	6	467	
		9		16			7		
534	9.812 846		9.932 021		0.067 979	9.880 825		466	
535	9.812 855	9	9.932 036	15	0.067 964	9.880 819	6	465	
536	9.812 864	9	9.932 051	15	0.067 949	9.880 812	7	464	
		9		16			6		
537	9.812 873		9.932 067		0.067 933	9.880 806		463	
538	9.812 881	8	9.932 082	15	0.067 918	9.880 799	7	462	
539	9.812 890	9	9.932 097	15	0.067 903	9.880 793	6	461	
		9		16			7		
.540	9.812 899		9.932 113		0.067 887	9.880 786		**.460**	
		9		15			6		
541	9.812 908		9.932 128		0.067 872	9.880 780		459	
542	9.812 917	9	9.932 143	15	0.067 857	9.880 773	7	458	
543	9.812 926	9	9.932 159	16	0.067 841	9.880 767	6	457	
		9		15			7		
544	9.812 935		9.932 174		0.067 826	9.880 760		456	
545	9.812 943	8	9.932 190	16	0.067 810	9.880 754	6	455	
546	9.812 952	9	9.932 205	15	0.067 795	9.880 747	7	454	
		9		15			6		
547	9.812 961		9.932 220		0.067 780	9.880 741		453	
548	9.812 970	9	9.932 236	16	0.067 764	9.880 735	6	452	
549	9.812 979	9	9.932 251	15	0.067 749	9.880 728	7	451	
		9		15			6		
.550	9.812 988		9.932 266		0.067 734	9.880 722		**.450**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

$49^\circ.500 - 49^\circ.450$

$40^\circ.550 - 40^\circ.600$

40°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.812 988		9.932 266		0.067 734	9.880 722		**.450**	
		9		16			7		
551	9.812 997		9.932 282		0.067 718	9.880 715		449	
		8		15			6		
552	9.813 005		9.932 297		0.067 703	9.880 709		448	
		9		15			7		
553	9.813 014		9.932 312		0.067 688	9.880 702		447	
		9		16			6		
554	9.813 023		9.932 328		0.067 672	9.880 696		446	
		9		15			7		
555	9.813 032		9.932 343		0.067 657	9.880 689		445	
		9		15			6		
556	9.813 041		9.932 358		0.067 642	9.880 683		444	
		9		16			7		
557	9.813 050		9.932 374		0.067 626	9.880 676		443	
		9		15			6		
558	9.813 059		9.932 389		0.067 611	9.880 670		442	
		8		15			7		
559	9.813 067		9.932 404		0.067 596	9.880 663		441	
		9		16			6		
.560	9.813 076		9.932 420		0.067 580	9.880 657		**.440**	
		9		15			7		
561	9.813 085		9.932 435		0.067 565	9.880 650		439	
		9		15			6		
562	9.813 094		9.932 450		0.067 550	9.880 644		438	
		9		16			7		
563	9.813 103		9.932 466		0.067 534	9.880 637		437	
		9		15			6		
564	9.813 112		9.932 481		0.067 519	9.880 631		436	
		9		15			7		
565	9.813 121		9.932 496		0.067 504	9.880 624		435	
		8		16			6		
566	9.813 129		9.932 512		0.067 488	9.880 618		434	
		9		15			7		
567	9.813 138		9.932 527		0.067 473	9.880 611		433	
		9		15			6		
568	9.813 147		9.932 542		0.067 458	9.880 605		432	
		9		16			7		
569	9.813 156		9.932 558		0.067 442	9.880 598		431	
		9		15			6		
.570	9.813 165		9.932 573		0.067 427	9.880 592		**.430**	
		9		15			7		
571	9.813 174		9.932 588		0.067 412	9.880 585		429	
		9		16			6		
572	9.813 183		9.932 604		0.067 396	9.880 579		428	
		8		15			7		
573	9.813 191		9.932 619		0.067 381	9.880 572		427	
		9		15			6		
574	9.813 200		9.932 634		0.067 366	9.880 566		426	
		9		16			7		
575	9.813 209		9.932 650		0.067 350	9.880 559		425	
		9		15			6		
576	9.813 218		9.932 665		0.067 335	9.880 553		424	
		9		16			7		
577	9.813 227		9.932 681		0.067 319	9.880 546		423	
		9		15			6		
578	9.813 236		9.932 696		0.067 304	9.880 540		422	
		9		15			7		
579	9.813 245		9.932 711		0.067 289	9.880 533		421	
		8		16			6		
.580	9.813 253		9.932 727		0.067 273	9.880 527		**.420**	
		9		15			7		
581	9.813 262		9.932 742		0.067 258	9.880 520		419	
		9		15			6		
582	9.813 271		9.932 757		0.067 243	9.880 514		418	
		9		16			7		
583	9.813 280		9.932 773		0.067 227	9.880 507		417	
		9		15			6		
584	9.813 289		9.932 788		0.067 212	9.880 501		416	
		9		15			7		
585	9.813 298		9.932 803		0.067 197	9.880 494		415	
		8		16			6		
586	9.813 306		9.932 819		0.067 181	9.880 488		414	
		9		15			7		
587	9.813 315		9.932 834		0.067 166	9.880 481		413	
		9		15			6		
588	9.813 324		9.932 849		0.067 151	9.880 475		412	
		9		16			7		
589	9.813 333		9.932 865		0.067 135	9.880 468		411	
		9		15			6		
.590	9.813 342		9.932 880		0.067 120	9.880 462		**.410**	
		9		15			7		
591	9.813 351		9.932 895		0.067 105	9.880 455		409	
		9		16			6		
592	9.813 360		9.932 911		0.067 089	9.880 449		408	
		8		15			7		
593	9.813 368		9.932 926		0.067 074	9.880 442		407	
		9		15			6		
594	9.813 377		9.932 941		0.067 059	9.880 436		406	
		9		16			7		
595	9.813 386		9.932 957		0.067 043	9.880 429		405	
		9		15			6		
596	9.813 395		9.932 972		0.067 028	9.880 423		404	
		9		15			7		
597	9.813 404		9.932 987		0.067 013	9.880 416		403	
		9		16			6		
598	9.813 413		9.933 003		0.066 997	9.880 410		402	
		8		15			7		
599	9.813 421		9.933 018		0.066 982	9.880 403		401	
		9		15			6		
.600	9.813 430		9.933 033		0.066 967	9.880 397		**.400**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

$49^\circ.450 - 49^\circ.400$

40°.600 — 40°.650

40°	sin	d	tang	d	cotg	cos	d	
.600	9.813 430		9.933 033		0.066 967	9.880 397		**.400**
		9		16			7	
601	9.813 439		9.933 049		0.066 951	9.880 390		399
602	9.813 448	9	9.933 064	15	0.066 936	9.880 384	6	398
603	9.813 457	9	9.933 079	15	0.066 921	9.880 377	7	397
		9		16			6	
604	9.813 466		9.933 095		0.066 905	9.880 371		396
605	9.813 475	9	9.933 110	15	0.066 890	9.880 365	6	395
606	9.813 483	8	9.933 125	15	0.066 875	9.880 358	7	394
		9		16			6	
607	9.813 492		9.933 141		0.066 859	9.880 352		393
608	9.813 501	9	9.933 156	15	0.066 844	9.880 345	7	392
609	9.813 510	9	9.933 171	15	0.066 829	9.880 339	6	391
		9		16			7	
.610	9.813 519		9.933 187		0.066 813	9.880 332		**.390**
		9		15			6	
611	9.813 528		9.933 202		0.066 798	9.880 326		389
612	9.813 536	8	9.933 217	15	0.066 783	9.880 319	7	388
613	9.813 545	9	9.933 233	16	0.066 767	9.880 313	6	387
		9		15			7	
614	9.813 554		9.933 248		0.066 752	9.880 306		386
615	9.813 563	9	9.933 263	15	0.066 737	9.880 300	6	385
616	9.813 572	9	9.933 279	16	0.066 721	9.880 293	7	384
		9		15			6	
617	9.813 581		9.933 294		0.066 706	9.880 287		383
618	9.813 589	8	9.933 309	15	0.066 691	9.880 280	7	382
619	9.813 598	9	9.933 325	16	0.066 675	9.880 274	6	381
		9		15			7	
.620	9.813 607		9.933 340		0.066 660	9.880 267		**.380**
		9		15			6	
621	9.813 616		9.933 355		0.066 645	9.880 261		379
622	9.813 625	9	9.933 371	16	0.066 629	9.880 254	7	378
623	9.813 634	9	9.933 386	15	0.066 614	9.880 248	6	377
		8		15			7	
624	9.813 642		9.933 401		0.066 599	9.880 241		376
625	9.813 651	9	9.933 417	16	0.066 583	9.880 234	7	375
626	9.813 660	9	9.933 432	15	0.066 568	9.880 228	6	374
		9		16			7	
627	9.813 669		9.933 448		0.066 552	9.880 221		373
628	9.813 678	9	9.933 463	15	0.066 537	9.880 215	6	372
629	9.813 687	9	9.933 478	15	0.066 522	9.880 208	7	371
		9		16			6	
.630	9.813 696		9.933 494		0.066 506	9.880 202		**.370**
		8		15			7	
631	9.813 704		9.933 509		0.066 491	9.880 195		369
632	9.813 713	9	9.933 524	15	0.066 476	9.880 189	6	368
633	9.813 722	9	9.933 540	16	0.066 460	9.880 182	7	367
		9		15			6	
634	9.813 731		9.933 555		0.066 445	9.880 176		366
635	9.813 740	9	9.933 570	15	0.066 430	9.880 169	7	365
636	9.813 749	9	9.933 586	16	0.066 414	9.880 163	6	364
		8		15			7	
637	9.813 757		9.933 601		0.066 399	9.880 156		363
638	9.813 766	9	9.933 616	15	0.066 384	9.880 150	6	362
639	9.813 775	9	9.933 632	16	0.066 368	9.880 143	7	361
		9		15			6	
.640	9.813 784		9.933 647		0.066 353	9.880 137		**.360**
		9		15			7	
641	9.813 793		9.933 662		0.066 338	9.880 130		359
642	9.813 801	8	9.933 678	16	0.066 322	9.880 124	6	358
643	9.813 810	9	9.933 693	15	0.066 307	9.880 117	7	357
		9		15			6	
644	9.813 819		9.933 708		0.066 292	9.880 111		356
645	9.813 828	9	9.933 724	16	0.066 276	9.880 104	7	355
646	9.813 837	9	9.933 739	15	0.066 261	9.880 098	6	354
		9		15			7	
647	9.813 846		9.933 754		0.066 246	9.880 091		353
648	9.813 854	8	9.933 770	16	0.066 230	9.880 085	6	352
649	9.813 863	9	9.933 785	15	0.066 215	9.880 078	7	351
		9		15			6	
.650	9.813 872		9.933 800		0.066 200	9.880 072		**.350**
	cos	d	cotg	d	tang	sin	d	**49°**

P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.400 — 49°.350

40°.650 — 40°.700

40°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.813 872		9.933 800		0.066 200	9.880 072		**.350**	
		9		16			7		
651	9.813 881		9.933 816		0.066 184	9.880 065		349	
652	9.813 890	9	9.933 831	15	0.066 169	9.880 059	6	348	
653	9.813 899	9	9.933 846	15	0.066 154	9.880 052	7	347	
		8		16			6		
654	9.813 907		9.933 862		0.066 138	9.880 046		346	
655	9.813 916	9	9.933 877	15	0.066 123	9.880 039	7	345	
656	9.813 925	9	9.933 892	15	0.066 108	9.880 033	6	344	
		9		16			7		
657	9.813 934		9.933 908		0.066 092	9.880 026		343	
658	9.813 943	9	9.933 923	15	0.066 077	9.880 020	6	342	
659	9.813 952	9	9.933 938	15	0.066 062	9.880 013	7	341	
		8		16			6		
.660	9.813 960		9.933 954		0.066 046	9.880 007		**.340**	
		9		15			7		
661	9.813 969		9.933 969		0.066 031	9.880 000		339	
662	9.813 978	9	9.933 984	15	0.066 016	9.879 994	6	338	
663	9.813 987	9	9.934 000	16	0.066 000	9.879 987	7	337	
		9		15			6		
664	9.813 996		9.934 015		0.065 985	9.879 981		336	
665	9.814 005	9	9.934 030	15	0.065 970	9.879 974	7	335	
666	9.814 013	8	9.934 046	16	0.065 954	9.879 968	6	334	
		9		15			7		
667	9.814 022		9.934 061		0.065 939	9.879 961		333	
668	9.814 031	9	9.934 076	15	0.065 924	9.879 955	6	332	
669	9.814 040	9	9.934 092	16	0.065 908	9.879 948	7	331	
		9		15			6		
.670	9.814 049		9.934 107		0.065 893	9.879 942		**.330**	
		8		15			7		
671	9.814 057		9.934 122		0.065 878	9.879 935		329	
672	9.814 066	9	9.934 138	16	0.065 862	9.879 929	6	328	
673	9.814 075	9	9.934 153	15	0.065 847	9.879 922	7	327	
		9		15			6		
674	9.814 084		9.934 168		0.065 832	9.879 916		326	
675	9.814 093	9	9.934 184	16	0.065 816	9.879 909	7	325	
676	9.814 102	9	9.934 199	15	0.065 801	9.879 903	6	324	
		8		15			7		
677	9.814 110		9.934 214		0.065 786	9.879 896		323	
678	9.814 119	9	9.934 230	16	0.065 770	9.879 890	6	322	
679	9.814 128	9	9.934 245	15	0.065 755	9.879 883	7	321	
		9		15			6		
.680	9.814 137		9.934 260		0.065 740	9.879 877		**.320**	
		9		16			7		
681	9.814 146		9.934 276		0.065 724	9.879 870		319	
682	9.814 154	8	9.934 291	15	0.065 709	9.879 863	7	318	
683	9.814 163	9	9.934 306	15	0.065 694	9.879 857	6	317	
		9		16			7		
684	9.814 172		9.934 322		0.065 678	9.879 850		316	
685	9.814 181	9	9.934 337	15	0.065 663	9.879 844	6	315	
686	9.814 190	9	9.934 352	15	0.065 648	9.879 837	7	314	
		9		16			6		
687	9.814 199		9.934 368		0.065 632	9.879 831		313	
688	9.814 207	8	9.934 383	15	0.065 617	9.879 824	7	312	
689	9.814 216	9	9.934 398	15	0.065 602	9.879 818	6	311	
		9		16			7		
.690	9.814 225		9.934 414		0.065 586	9.879 811		**.310**	
		9		15			6		
691	9.814 234		9.934 429		0.065 571	9.879 805		309	
692	9.814 243	9	9.934 444	15	0.065 556	9.879 798	7	308	
693	9.814 251	8	9.934 460	16	0.065 540	9.879 792	6	307	
		9		15			7		
694	9.814 260		9.934 475		0.065 525	9.879 785		306	
695	9.814 269	9	9.934 490	15	0.065 510	9.879 779	6	305	
696	9.814 278	9	9.934 506	16	0.065 494	9.879 772	7	304	
		9		15			6		
697	9.814 287		9.934 521		0.065 479	9.879 766		303	
698	9.814 296	9	9.934 536	15	0.065 464	9.879 759	7	302	
699	9.814 304	8	9.934 552	16	0.065 448	9.879 753	6	301	
		9		15			7		
.700	9.814 313		9.934 567		0.065 433	9.879 746		**.300**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.350 — 49°.300

$40^\circ.700 - 40^\circ.750$

40°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.814 313		9.934 567		0.065 433	9.879 746		**.300**	
		9		15			6		
701	9.814 322		9.934 582		0.065 418	9.879 740		299	
702	9.814 331	9	9.934 598	16	0.065 402	9.879 733	7	298	
703	9.814 340	9	9.934 613	15	0.065 387	9.879 727	6	297	
		8		15			7		
704	9.814 348		9.934 628	16	0.065 372	9.879 720	6	296	
705	9.814 357	9	9.934 644	15	0.065 356	9.879 714	7	295	
706	9.814 366	9	9.934 659	15	0.065 341	9.879 707	6	294	
		9		16			7		
707	9.814 375		9.934 674	16	0.065 326	9.879 701	6	293	
708	9.814 384	9	9.934 690	15	0.065 310	9.879 694	7	292	
709	9.814 392	8	9.934 705	15	0.065 295	9.879 687	7	291	
		9		16			6		
.710	9.814 401		9.934 720		0.065 280	9.879 681		**.290**	
		9		15			7		
711	9.814 410		9.934 736		0.065 264	9.879 674	6	289	
712	9.814 419	9	9.934 751	15	0.065 249	9.879 668	7	288	
713	9.814 428	9	9.934 766	16	0.065 234	9.879 661	6	287	
		8		15			7		
714	9.814 436		9.934 782	15	0.065 218	9.879 655	6	286	
715	9.814 445	9	9.934 797	15	0.065 203	9.879 648	7	285	
716	9.814 454	9	9.934 812	16	0.065 188	9.879 642	6	284	
		9		15			7		
717	9.814 463		9.934 828	15	0.065 172	9.879 635	6	283	
718	9.814 472	9	9.934 843	15	0.065 157	9.879 629	7	282	
719	9.814 481	9	9.934 858	16	0.065 142	9.879 622	6	281	
		8		15			7		
.720	9.814 489		9.934 874		0.065 126	9.879 616		**.280**	
		9		15			7		
721	9.814 498		9.934 889		0.065 111	9.879 609	6	279	
722	9.814 507	9	9.934 904	15	0.065 096	9.879 603	7	278	
723	9.814 516	9	9.934 920	16	0.065 080	9.879 596	6	277	
		9		15			7		
724	9.814 525		9.934 935		0.065 065	9.879 590	6	276	
725	9.814 533	8	9.934 950	15	0.065 050	9.879 583	7	275	
726	9.814 542	9	9.934 966	16	0.065 034	9.879 577	6	274	
		9		15			7		
727	9.814 551		9.934 981		0.065 019	9.879 570	6	273	
728	9.814 560	9	9.934 996	15	0.065 004	9.879 564	7	272	
729	9.814 569	9	9.935 012	16	0.064 988	9.879 557	6	271	
		8		15			7		
.730	9.814 577		9.935 027		0.064 973	9.879 550		**.270**	
		9		15			7		
731	9.814 586		9.935 042		0.064 958	9.879 544	6	269	
732	9.814 595	9	9.935 058	16	0.064 942	9.879 537	7	268	
733	9.814 604	9	9.935 073	15	0.064 927	9.879 531	6	267	
		9		15			7		
734	9.814 613		9.935 088		0.064 912	9.879 524	6	266	
735	9.814 621	8	9.935 104	16	0.064 896	9.879 518	6	265	
736	9.814 630	9	9.935 119	15	0.064 881	9.879 511	7	264	
		9		15			6		
737	9.814 639		9.935 134		0.064 866	9.879 505	7	263	
738	9.814 648	9	9.935 150	16	0.064 850	9.879 498	6	262	
739	9.814 657	9	9.935 165	15	0.064 835	9.879 492	6	261	
		8		15			7		
.740	9.814 665		9.935 180		0.064 820	9.879 485		**.260**	
		9		16			6		
741	9.814 674		9.935 196		0.064 804	9.879 479	7	259	
742	9.814 683	9	9.935 211	15	0.064 789	9.879 472	6	258	
743	9.814 692	9	9.935 226	15	0.064 774	9.879 466	7	257	
		9		16			6		
744	9.814 701		9.935 242		0.064 758	9.879 459	7	256	
745	9.814 709	8	9.935 257	15	0.064 743	9.879 453	6	255	
746	9.814 718	9	9.935 272	15	0.064 728	9.879 446	7	254	
		9		15			6		
747	9.814 727		9.935 287		0.064 713	9.879 439	7	253	
748	9.814 736	9	9.935 303	16	0.064 697	9.879 433	6	252	
749	9.814 745	9	9.935 318	15	0.064 682	9.879 426	7	251	
		8		15			6		
.750	9.814 753		9.935 333		0.064 667	9.879 420		**.250**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

$49^\circ.300 - 49^\circ.250$

40°.750 — 40°.800

40°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.814 753		9.935 333		0.064 667	9.879 420		**.250**	
		9		16			7		
751	9.814 762		9.935 349		0.064 651	9.879 413		249	
752	9.814 771	9	9.935 364	15	0.064 636	9.879 407	6	248	
753	9.814 780	9	9.935 379	15	0.064 621	9.879 400	7	247	
		9		16			6		
754	9.814 789		9.935 395		0.064 605	9.879 394		246	
755	9.814 797	8	9.935 410	15	0.064 590	9.879 387	7	245	
756	9.814 806	9	9.935 425	15	0.064 575	9.879 381	6	244	
		9		16			7		
757	9.814 815		9.935 441		0.064 559	9.879 374		243	
758	9.814 824	9	9.935 456	15	0.064 544	9.879 368	6	242	
759	9.814 833	9	9.935 471	15	0.064 529	9.879 361	7	241	
		8		16			6		
.760	9.814 841		9.935 487		0.064 513	9.879 355		**.240**	
		9		15			7		
761	9.814 850		9.935 502		0.064 498	9.879 348		239	
762	9.814 859	9	9.935 517	15	0.064 483	9.879 342	6	238	
763	9.814 868	9	9.935 533	16	0.064 467	9.879 335	7	237	
		8		15			7		
764	9.814 876		9.935 548		0.064 452	9.879 328		236	
765	9.814 885	9	9.935 563	15	0.064 437	9.879 322	6	235	
766	9.814 894	9	9.935 579	16	0.064 421	9.879 315	7	234	
		9		15			6		
767	9.814 903		9.935 594		0.064 406	9.879 309		233	
768	9.814 912	9	9.935 609	15	0.064 391	9.879 302	7	232	
769	9.814 920	8	9.935 625	16	0.064 375	9.879 296	6	231	
		9		15			7		
.770	9.814 929		9.935 640		0.064 360	9.879 289		**.230**	
		9		15			6		
771	9.814 938		9.935 655		0.064 345	9.879 283		229	
772	9.814 947	9	9.935 671	16	0.064 329	9.879 276	7	228	
773	9.814 956	9	9.935 686	15	0.064 314	9.879 270	6	227	
		8		15			7		
774	9.814 964		9.935 701		0.064 299	9.879 263		226	
775	9.814 973	9	9.935 717	16	0.064 283	9.879 257	6	225	
776	9.814 982	9	9.935 732	15	0.064 268	9.879 250	7	224	
		9		15			7		
777	9.814 991		9.935 747		0.064 253	9.879 243		223	
778	9.815 000	9	9.935 763	16	0.064 237	9.879 237	6	222	
779	9.815 008	8	9.935 778	15	0.064 222	9.879 230	7	221	
		9		15			6		
.780	9.815 017		9.935 793		0.064 207	9.879 224		**.220**	
		9		16			7		
781	9.815 026		9.935 809		0.064 191	9.879 217		219	
782	9.815 035	9	9.935 824	15	0.064 176	9.879 211	6	218	
783	9.815 043	8	9.935 839	15	0.064 161	9.879 204	7	217	
		9		16			6		
784	9.815 052		9.935 855		0.064 145	9.879 198		216	
785	9.815 061	9	9.935 870	15	0.064 130	9.879 191	7	215	
786	9.815 070	9	9.935 885	15	0.064 115	9.879 185	6	214	
		9		16			7		
787	9.815 079		9.935 901		0.064 099	9.879 178		213	
788	9.815 087	8	9.935 916	15	0.064 084	9.879 172	6	212	
789	9.815 096	9	9.935 931	15	0.064 069	9.879 165	7	211	
		9		16			7		
.790	9.815 105		9.935 947		0.064 053	9.879 158		**.210**	
		9		15			6		
791	9.815 114		9.935 962		0.064 038	9.879 152		209	
792	9.815 123	9	9.935 977	15	0.064 023	9.879 145	7	208	
793	9.815 131	8	9.935 993	16	0.064 007	9.879 139	6	207	
		9		15			7		
794	9.815 140		9.936 008		0.063 992	9.879 132		206	
795	9.815 149	9	9.936 023	15	0.063 977	9.879 126	6	205	
796	9.815 158	9	9.936 038	15	0.063 962	9.879 119	7	204	
		8		16			6		
797	9.815 166		9.936 054		0.063 946	9.879 113		203	
798	9.815 175	9	9.936 069	15	0.063 931	9.879 106	7	202	
799	9.815 184	9	9.936 084	15	0.063 916	9.879 100	6	201	
		9		16			7		
.800	9.815 193		9.936 100		0.063 900	9.879 093		**.200**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.250 — 49°.200

40°.800 — 40°.850

40°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.815 193		9.936 100		0.063 900	9.879 093		.200	
		9		15			6		
801	9.815 202		9.936 115		0.063 885	9.879 087		199	
		8		15			7		
802	9.815 210		9.936 130		0.063 870	9.879 080		198	
		9		16			7		
803	9.815 219		9.936 146		0.063 854	9.879 073		197	
		9		15			6		
804	9.815 228		9.936 161		0.063 839	9.879 067		196	
		9		15			7		
805	9.815 237		9.936 176		0.063 824	9.879 060		195	
		9		16			6		
806	9.815 246		9.936 192		0.063 808	9.879 054		194	
		8		15			7		
807	9.815 254		9.936 207		0.063 793	9.879 047		193	
		9		15			6		
808	9.815 263		9.936 222		0.063 778	9.879 041		192	
		9		16			7		
809	9.815 272		9.936 238		0.063 762	9.879 034		191	
		9		15			6		
.810	9.815 281		9.936 253		0.063 747	9.879 028		.190	
		8		15			7		
811	9.815 289		9.936 268		0.063 732	9.879 021		189	
		9		16			6		
812	9.815 298		9.936 284		0.063 716	9.879 015		188	
		9		15			7		
813	9.815 307		9.936 299		0.063 701	9.879 008		187	
		9		15			7		
814	9.815 316		9.936 314		0.063 686	9.879 001		186	
		9		16			6		
815	9.815 325		9.936 330		0.063 670	9.878 995		185	
		8		15			7		
816	9.815 333		9.936 345		0.063 655	9.878 988		184	
		9		15			6		
817	9.815 342		9.936 360		0.063 640	9.878 982		183	
		9		16			7		
818	9.815 351		9.936 376		0.063 624	9.878 975		182	
		9		15			6		
819	9.815 360		9.936 391		0.063 609	9.878 969		181	
		8		15			7		
.820	9.815 368		9.936 406		0.063 594	9.878 962		.180	
		9		16			6		
821	9.815 377		9.936 422		0.063 578	9.878 956		179	
		9		15			7		
822	9.815 386		9.936 437		0.063 563	9.878 949		178	
		9		15			7		
823	9.815 395		9.936 452		0.063 548	9.878 942		177	
		8		16			6		
824	9.815 403		9.936 468		0.063 532	9.878 936		176	
		9		15			7		
825	9.815 412		9.936 483		0.063 517	9.878 929		175	
		9		15			6		
826	9.815 421		9.936 498		0.063 502	9.878 923		174	
		9		16			7		
827	9.815 430		9.936 514		0.063 486	9.878 916		173	
		9		15			6		
828	9.815 439		9.936 529		0.063 471	9.878 910		172	
		8		15			7		
829	9.815 447		9.936 544		0.063 456	9.878 903		171	
		9		15			6		
.830	9.815 456		9.936 559		0.063 441	9.878 897		.170	
		9		16			7		
831	9.815 465		9.936 575		0.063 425	9.878 890		169	
		9		15			6		
832	9.815 474		9.936 590		0.063 410	9.878 884		168	
		8		15			7		
833	9.815 482		9.936 605		0.063 395	9.878 877		167	
		9		16			7		
834	9.815 491		9.936 621		0.063 379	9.878 870		166	
		9		15			6		
835	9.815 500		9.936 636		0.063 364	9.878 864		165	
		9		15			7		
836	9.815 509		9.936 651		0.063 349	9.878 857		164	
		9		16			6		
837	9.815 518		9.936 667		0.063 333	9.878 851		163	
		8		15			7		
838	9.815 526		9.936 682		0.063 318	9.878 844		162	
		9		15			6		
839	9.815 535		9.936 697		0.063 303	9.878 838		161	
		9		16			7		
.840	9.815 544		9.936 713		0.063 287	9.878 831		.160	
		9		15			6		
841	9.815 553		9.936 728		0.063 272	9.878 825		159	
		8		15			7		
842	9.815 561		9.936 743		0.063 257	9.878 818		158	
		9		16			7		
843	9.815 570		9.936 759		0.063 241	9.878 811		157	
		9		15			6		
844	9.815 579		9.936 774		0.063 226	9.878 805		156	
		9		15			7		
845	9.815 588		9.936 789		0.063 211	9.878 798		155	
		8		16			6		
846	9.815 596		9.936 805		0.063 195	9.878 792		154	
		9		15			7		
847	9.815 605		9.936 820		0.063 180	9.878 785		153	
		9		15			6		
848	9.815 614		9.936 835		0.063 165	9.878 779		152	
		9		16			7		
849	9.815 623		9.936 851		0.063 149	9.878 772		151	
		9		15			6		
.850	9.815 632		9.936 866		0.063 134	9.878 766		.150	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.200 — 49°.150

$40^\circ.850 - 40^\circ.900$

40°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.815 632		9.936 866		0.063 134	9.878 766		**.150**	
		8		15			7		
851	9.815 640		9.936 881		0.063 119	9.878 759		149	
852	9.815 649	9	9.936 897	16	0.063 103	9.878 753	6	148	
853	9.815 658	9	9.936 912	15	0.063 088	9.878 746	7	147	
		9		15			7		
854	9.815 667	8	9.936 927		0.063 073	9.878 739		146	
855	9.815 675		9.936 942	15	0.063 058	9.878 733	6	145	
856	9.815 684	9	9.936 958	16	0.063 042	9.878 726	7	144	
		9		15			6		
857	9.815 693		9.936 973		0.063 027	9.878 720		143	
858	9.815 702	9	9.936 988	15	0.063 012	9.878 713	7	142	
859	9.815 710	8	9.937 004	16	0.062 996	9.878 707	6	141	
		9		15			7		
.860	9.815 719		9.937 019		0.062 981	9.878 700		**.140**	
		9		15			6		
861	9.815 728		9.937 034		0.062 966	9.878 694		139	
862	9.815 737	9	9.937 050	16	0.062 950	9.878 687	7	138	
863	9.815 745	8	9.937 065	15	0.062 935	9.878 680	7	137	
		9		15			6		
864	9.815 754		9.937 080		0.062 920	9.878 674		136	
865	9.815 763	9	9.937 096	16	0.062 904	9.878 667	7	135	
866	9.815 772	9	9.937 111	15	0.062 889	9.878 661	6	134	
		8		15			7		
867	9.815 780		9.937 126		0.062 874	9.878 654		133	
868	9.815 789	9	9.937 142	16	0.062 858	9.878 648	6	132	
869	9.815 798	9	9.937 157	15	0.062 843	9.878 641	7	131	
		9		15			7		
.870	9.815 807		9.937 172		0.062 828	9.878 634		**.130**	
		9		16			6		
871	9.815 816		9.937 188		0.062 812	9.878 628		129	
872	9.815 824	8	9.937 203	15	0.062 797	9.878 621	7	128	
873	9.815 833	9	9.937 218	15	0.062 782	9.878 615	6	127	
		9		16			7		
874	9.815 842		9.937 234		0.062 766	9.878 608		126	
875	9.815 851	9	9.937 249	15	0.062 751	9.878 602	6	125	
876	9.815 859	8	9.937 264	15	0.062 736	9.878 595	7	124	
		9		16			6		
877	9.815 868		9.937 280		0.062 720	9.878 589		123	
878	9.815 877	9	9.937 295	15	0.062 705	9.878 582	7	122	
879	9.815 886	9	9.937 310	15	0.062 690	9.878 575	7	121	
		8		15			6		
.880	9.815 894		9.937 325		0.062 675	9.878 569		**.120**	
		9		16			7		
881	9.815 903		9.937 341		0.062 659	9.878 562		119	
882	9.815 912	9	9.937 356	15	0.062 644	9.878 556	6	118	
883	9.815 921	9	9.937 371	15	0.062 629	9.878 549	7	117	
		8		16			6		
884	9.815 929		9.937 387		0.062 613	9.878 543		116	
885	9.815 938	9	9.937 402	15	0.062 598	9.878 536	7	115	
886	9.815 947	9	9.937 417	15	0.062 583	9.878 530	6	114	
		9		16			7		
887	9.815 956		9.937 433		0.062 567	9.878 523		113	
888	9.815 964	8	9.937 448	15	0.062 552	9.878 516	7	112	
889	9.815 973	9	9.937 463	15	0.062 537	9.878 510	6	111	
		9		16			7		
.890	9.815 982		9.937 479		0.062 521	9.878 503		**.110**	
		9		15			6		
891	9.815 991		9.937 494		0.062 506	9.878 497		109	
892	9.815 999	8	9.937 509	15	0.062 491	9.878 490	7	108	
893	9.816 008	9	9.937 525	16	0.062 475	9.878 484	6	107	
		9		15			7		
894	9.816 017		9.937 540		0.062 460	9.878 477		106	
895	9.816 026	9	9.937 555	15	0.062 445	9.878 470	7	105	
896	9.816 034	8	9.937 571	16	0.062 429	9.878 464	6	104	
		9		15			7		
897	9.816 043		9.937 586		0.062 414	9.878 457		103	
898	9.816 052	9	9.937 601	15	0.062 399	9.878 451	6	102	
899	9.816 061	9	9.937 616	15	0.062 384	9.878 444	7	101	
		8		16			6		
.900	9.816 069		9.937 632		0.062 368	9.878 438		**.100**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

$49^\circ.150 - 49^\circ.100$

40°.900 — 40°.950

40°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.816 069		9.937 632		0.062 368	9.878 438		.100	
		9		15			7		
901	9.816 078		9.937 647		0.062 353	9.878 431		099	
902	9.816 087	9	9.937 662	15	0.062 338	9.878 424	7	098	
903	9.816 096	9	9.937 678	16	0.062 322	9.878 418	6	097	
		8		15			7		
904	9.816 104		9.937 693		0.062 307	9.878 411		096	
905	9.816 113	9	9.937 708	15	0.062 292	9.878 405	6	095	
906	9.816 122	9	9.937 724	16	0.062 276	9.878 398	7	094	
		9		15			6		
907	9.816 131		9.937 739		0.062 261	9.878 392		093	
908	9.816 139	8	9.937 754	15	0.062 246	9.878 385	7	092	
909	9.816 148	9	9.937 770	16	0.062 230	9.878 379	6	091	
		9		15			7		
.910	9.816 157		9.937 785		0.062 215	9.878 372		.090	
		9		15			7		
911	9.816 166		9.937 800		0.062 200	9.878 365		089	
912	9.816 174	8	9.937 816	16	0.062 184	9.878 359	6	088	
913	9.816 183	9	9.937 831	15	0.062 169	9.878 352	7	087	
		9		15			6		
914	9.816 192		9.937 846		0.062 154	9.878 346		086	
915	9.816 201	9	9.937 862	16	0.062 138	9.878 339	7	085	
916	9.816 209	8	9.937 877	15	0.062 123	9.878 333	6	084	
		9		15			7		
917	9.816 218		9.937 892		0.062 108	9.878 326		083	
918	9.816 227	9	9.937 907	15	0.062 093	9.878 319	7	082	
919	9.816 236	9	9.937 923	16	0.062 077	9.878 313	6	081	
		8		15			7		
.920	9.816 244		9.937 938		0.062 062	9.878 306		.080	
		9		15			6		
921	9.816 253		9.937 953		0.062 047	9.878 300		079	
922	9.816 262	9	9.937 969	16	0.062 031	9.878 293	7	078	
923	9.816 271	9	9.937 984	15	0.062 016	9.878 287	6	077	
		8		15			7		
924	9.816 279		9.937 999		0.062 001	9.878 280		076	
925	9.816 288	9	9.938 015	16	0.061 985	9.878 273	7	075	
926	9.816 297	9	9.938 030	15	0.061 970	9.878 267	6	074	
		9		15			7		
927	9.816 306		9.938 045		0.061 955	9.878 260		073	
928	9.816 314	8	9.938 061	16	0.061 939	9.878 254	6	072	
929	9.816 323	9	9.938 076	15	0.061 924	9.878 247	7	071	
		9		15			6		
.930	9.816 332		9.938 091		0.061 909	9.878 241		.070	
		9		16			7		
931	9.816 341		9.938 107		0.061 893	9.878 234		069	
932	9.816 349	8	9.938 122	15	0.061 878	9.878 227	7	068	
933	9.816 358	9	9.938 137	15	0.061 863	9.878 221	6	067	
		9		16			7		
934	9.816 367		9.938 153		0.061 847	9.878 214		066	
935	9.816 375	8	9.938 168	15	0.061 832	9.878 208	6	065	
936	9.816 384	9	9.938 183	15	0.061 817	9.878 201	7	064	
		9		15			6		
937	9.816 393		9.938 198		0.061 802	9.878 195		063	
938	9.816 402	9	9.938 214	16	0.061 786	9.878 188	7	062	
939	9.816 410	8	9.938 229	15	0.061 771	9.878 181	7	061	
		9		15			6		
.940	9.816 419		9.938 244		0.061 756	9.878 175		.060	
		9		16			7		
941	9.816 428		9.938 260		0.061 740	9.878 168		059	
942	9.816 437	9	9.938 275	15	0.061 725	9.878 162	6	058	
943	9.816 445	8	9.938 290	15	0.061 710	9.878 155	7	057	
		9		16			7		
944	9.816 454		9.938 306		0.061 694	9.878 148		056	
945	9.816 463	9	9.938 321	15	0.061 679	9.878 142	6	055	
946	9.816 472	9	9.938 336	15	0.061 664	9.878 135	7	054	
		8		16			6		
947	9.816 480		9.938 352		0.061 648	9.878 129		053	
948	9.816 489	9	9.938 367	15	0.061 633	9.878 122	7	052	
949	9.816 498	9	9.938 382	15	0.061 618	9.878 116	6	051	
		9		16			7		
.950	9.816 507		9.938 398		0.061 602	9.878 109		.050	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.100 — 49°.050

40°.950 — 41°.000

40°	sin	d	tang	d	cotg	cos	d		P.P.		
.950	9.816 507		9.938 398		0.061 602	9.878 109		**.050**			
		8		15			7				
951	9.816 515		9.938 413		0.061 587	9.878 102		049			
952	9.816 524	9	9.938 428	15	0.061 572	9.878 096	6	048			
953	9.816 533	9	9.938 443	15	0.061 557	9.878 089	7	047			
		8		16			6				
954	9.816 541		9.938 459		0.061 541	9.878 083		046			
955	9.816 550	9	9.938 474	15	0.061 526	9.878 076	7	045			
956	9.816 559	9	9.938 489	15	0.061 511	9.878 070	6	044			
		9		16			7			16	15
957	9.816 568		9.938 505		0.061 495	9.878 063		043	1	1.6	1.5
958	9.816 576	8	9.938 520	15	0.061 480	9.878 056	7	042	2	3.2	3.0
959	9.816 585	9	9.938 535	15	0.061 465	9.878 050	6	041	3	4.8	4.5
		9		16			7		4	6.4	6.0
.960	9.816 594		9.938 551		0.061 449	9.878 043		**.040**	5	8.0	7.5
		9		15			6		6	9.6	9.0
961	9.816 603		9.938 566		0.061 434	9.878 037		039	7	11.2	10.5
962	9.816 611	8	9.938 581	15	0.061 419	9.878 030	7	038	8	12.8	12.0
963	9.816 620	9	9.938 597	16	0.061 403	9.878 023	7	037	9	14.4	13.5
		9		15			6				
964	9.816 629		9.938 612		0.061 388	9.878 017		036			
965	9.816 638	9	9.938 627	15	0.061 373	9.878 010	7	035			
966	9.816 646	8	9.938 643	16	0.061 357	9.878 004	6	034			
		9		15			7				
967	9.816 655		9.938 658		0.061 342	9.877 997		033			
968	9.816 664	9	9.938 673	15	0.061 327	9.877 991	6	032			
969	9.816 672	8	9.938 688	15	0.061 312	9.877 984	7	031			
		9		16			7				
.970	9.816 681		9.938 704		0.061 296	9.877 977		**.030**			
		9		15			6			9	8
971	9.816 690		9.938 719		0.061 281	9.877 971		029	1	0.9	0.8
972	9.816 699	9	9.938 734	15	0.061 266	9.877 964	7	028	2	1.8	1.6
973	9.816 707	8	9.938 750	16	0.061 250	9.877 958	6	027	3	2.7	2.4
		9		15			7		4	3.6	3.2
974	9.816 716		9.938 765		0.061 235	9.877 951		026	5	4.5	4.0
975	9.816 725	9	9.938 780	15	0.061 220	9.877 945	6	025	6	5.4	4.8
976	9.816 734	9	9.938 796	16	0.061 204	9.877 938	7	024	7	6.3	5.6
		8		15			7		8	7.2	6.4
977	9.816 742		9.938 811		0.061 189	9.877 931		023	9	8.1	7.2
978	9.816 751	9	9.938 826	15	0.061 174	9.877 925	6	022			
979	9.816 760	9	9.938 842	16	0.061 158	9.877 918	7	021			
		8		15			6				
.980	9.816 768		9.938 857		0.061 143	9.877 912		**.020**			
		9		15			7				
981	9.816 777		9.938 872		0.061 128	9.877 905		019			
982	9.816 786	9	9.938 887	15	0.061 113	9.877 898	7	018			
983	9.816 795	9	9.938 903	16	0.061 097	9.877 892	6	017			
		8		15			7				
984	9.816 803		9.938 918		0.061 082	9.877 885		016			
985	9.816 812	9	9.938 933	15	0.061 067	9.877 879	6	015			
986	9.816 821	9	9.938 949	16	0.061 051	9.877 872	7	014		7	6
		9		15			6				
987	9.816 830		9.938 964		0.061 036	9.877 866		013	1	0.7	0.6
988	9.816 838	8	9.938 979	15	0.061 021	9.877 859	7	012	2	1.4	1.2
989	9.816 847	9	9.938 995	16	0.061 005	9.877 852	7	011	3	2.1	1.8
		9		15			6		4	2.8	2.4
.990	9.816 856		9.939 010		0.060 990	9.877 846		**.010**	5	3.5	3.0
		8		15			7		6	4.2	3.6
991	9.816 864		9.939 025		0.060 975	9.877 839		009	7	4.9	4.2
992	9.816 873	9	9.939 041	16	0.060 959	9.877 833	6	008	8	5.6	4.8
993	9.816 882	9	9.939 056	15	0.060 944	9.877 826	7	007	9	6.3	5.4
		9		15			7				
994	9.816 891		9.939 071		0.060 929	9.877 819		006			
995	9.816 899	8	9.939 087	16	0.060 913	9.877 813	6	005			
996	9.816 908	9	9.939 102	15	0.060 898	9.877 806	7	004			
		9		15			6				
997	9.816 917		9.939 117		0.060 883	9.877 800		003			
998	9.816 925	8	9.939 132	15	0.060 868	9.877 793	7	002			
999	9.816 934	9	9.939 148	16	0.060 852	9.877 786	7	001			
		9		15			6				
***000**	9.816 943		9.939 163		0.060 837	9.877 780		**.000**			
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.		

49°.050 — 49°.000

41°.000 — 41°.050

41°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.816 943		9.939 163		0.060 837	9.877 780		*000	
001	9.816 952	9	9.939 178	15	0.060 822	9.877 773	7	999	
002	9.816 960	8	9.939 194	16	0.060 806	9.877 767	6	998	
003	9.816 969	9	9.939 209	15	0.060 791	9.877 760	7	997	
004	9.816 978	9	9.939 224	15	0.060 776	9.877 754	6	996	
005	9.816 987	9	9.939 240	16	0.060 760	9.877 747	7	995	
006	9.816 995	8	9.939 255	15	0.060 745	9.877 740	7	994	
007	9.817 004	9	9.939 270	15	0.060 730	9.877 734	6	993	
008	9.817 013	9	9.939 286	16	0.060 714	9.877 727	7	992	
009	9.817 021	8	9.939 301	15	0.060 699	9.877 721	6	991	
.010	9.817 030	9	9.939 316	15	0.060 684	9.877 714	7	.990	
011	9.817 039	9	9.939 331	15	0.060 669	9.877 707	7	989	
012	9.817 048	9	9.939 347	16	0.060 653	9.877 701	6	988	
013	9.817 056	8	9.939 362	15	0.060 638	9.877 694	7	987	
014	9.817 065	9	9.939 377	15	0.060 623	9.877 688	6	986	
015	9.817 074	9	9.939 393	16	0.060 607	9.877 681	7	985	
016	9.817 082	8	9.939 408	15	0.060 592	9.877 674	7	984	
017	9.817 091	9	9.939 423	15	0.060 577	9.877 668	6	983	
018	9.817 100	9	9.939 439	16	0.060 561	9.877 661	7	982	
019	9.817 109	9	9.939 454	15	0.060 546	9.877 655	6	981	
.020	9.817 117	8	9.939 469	15	0.060 531	9.877 648	7	.980	
021	9.817 126	9	9.939 485	16	0.060 515	9.877 641	7	979	
022	9.817 135	9	9.939 500	15	0.060 500	9.877 635	6	978	
023	9.817 143	8	9.939 515	15	0.060 485	9.877 628	7	977	
024	9.817 152	9	9.939 530	15	0.060 470	9.877 622	6	976	
025	9.817 161	9	9.939 546	16	0.060 454	9.877 615	7	975	
026	9.817 170	9	9.939 561	15	0.060 439	9.877 608	7	974	
027	9.817 178	8	9.939 576	15	0.060 424	9.877 602	6	973	
028	9.817 187	9	9.939 592	16	0.060 408	9.877 595	7	972	
029	9.817 196	9	9.939 607	15	0.060 393	9.877 589	6	971	
.030	9.817 204	8	9.939 622	15	0.060 378	9.877 582	7	.970	
031	9.817 213	9	9.939 638	16	0.060 362	9.877 575	7	969	
032	9.817 222	9	9.939 653	15	0.060 347	9.877 569	6	968	
033	9.817 230	8	9.939 668	15	0.060 332	9.877 562	7	967	
034	9.817 239	9	9.939 684	16	0.060 316	9.877 556	6	966	
035	9.817 248	9	9.939 699	15	0.060 301	9.877 549	7	965	
036	9.817 257	9	9.939 714	15	0.060 286	9.877 543	6	964	
037	9.817 265	8	9.939 729	15	0.060 271	9.877 536	7	963	
038	9.817 274	9	9.939 745	16	0.060 255	9.877 529	7	962	
039	9.817 283	9	9.939 760	15	0.060 240	9.877 523	6	961	
.040	9.817 291	8	9.939 775	15	0.060 225	9.877 516	7	.960	
041	9.817 300	9	9.939 791	16	0.060 209	9.877 510	6	959	
042	9.817 309	9	9.939 806	15	0.060 194	9.877 503	7	958	
043	9.817 318	9	9.939 821	15	0.060 179	9.877 496	7	957	
044	9.817 326	8	9.939 837	16	0.060 163	9.877 490	6	956	
045	9.817 335	9	9.939 852	15	0.060 148	9.877 483	7	955	
046	9.817 344	9	9.939 867	15	0.060 133	9.877 477	6	954	
047	9.817 352	8	9.939 882	15	0.060 118	9.877 470	7	953	
048	9.817 361	9	9.939 898	16	0.060 102	9.877 463	7	952	
049	9.817 370	9	9.939 913	15	0.060 087	9.877 457	6	951	
.050	9.817 379	9	9.939 928	15	0.060 072	9.877 450	7	.950	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.000 — 48°.950

41°.050 — 41°.100

41°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.817 379		9.939 928		0.060 072	9.877 450		.950	
		8		16			6		
051	9.817 387		9.939 944		0.060 056	9.877 444		949	
052	9.817 396	9	9.939 959	15	0.060 041	9.877 437	7	948	
053	9.817 405	9	9.939 974	15	0.060 026	9.877 430	7	947	
		8		16			6		
054	9.817 413		9.939 990		0.060 010	9.877 424		946	
055	9.817 422	9	9.940 005	15	0.059 995	9.877 417	7	945	
056	9.817 431	9	9.940 020	15	0.059 980	9.877 411	6	944	
		8		16			7		
057	9.817 439		9.940 036		0.059 964	9.877 404		943	
058	9.817 448	9	9.940 051	15	0.059 949	9.877 397	7	942	
059	9.817 457	9	9.940 066	15	0.059 934	9.877 391	6	941	
		9		15			7		
.060	9.817 466		9.940 081		0.059 919	9.877 384		.940	
		8		16			7		
061	9.817 474		9.940 097		0.059 903	9.877 377		939	
062	9.817 483	9	9.940 112	15	0.059 888	9.877 371	6	938	
063	9.817 492	9	9.940 127	15	0.059 873	9.877 364	7	937	
		8		16			6		
064	9.817 500		9.940 143		0.059 857	9.877 358		936	
065	9.817 509	9	9.940 158	15	0.059 842	9.877 351	7	935	
066	9.817 518	9	9.940 173	15	0.059 827	9.877 344	7	934	
		8		16			6		
067	9.817 526		9.940 189		0.059 811	9.877 338		933	
068	9.817 535	9	9.940 204	15	0.059 796	9.877 331	7	932	
069	9.817 544	9	9.940 219	15	0.059 781	9.877 325	6	931	
		9		15			7		
.070	9.817 553		9.940 234		0.059 766	9.877 318		.930	
		8		16			7		
071	9.817 561		9.940 250		0.059 750	9.877 311		929	
072	9.817 570	9	9.940 265	15	0.059 735	9.877 305	6	928	
073	9.817 579	9	9.940 280	15	0.059 720	9.877 298	7	927	
		8		16			6		
074	9.817 587		9.940 296		0.059 704	9.877 292		926	
075	9.817 596	9	9.940 311	15	0.059 689	9.877 285	7	925	
076	9.817 605	9	9.940 326	15	0.059 674	9.877 278	7	924	
		8		16			6		
077	9.817 613		9.940 342		0.059 658	9.877 272		923	
078	9.817 622	9	9.940 357	15	0.059 643	9.877 265	7	922	
079	9.817 631	9	9.940 372	15	0.059 628	9.877 259	6	921	
		9		16			7		
.080	9.817 640		9.940 388		0.059 612	9.877 252		.920	
		8		15			7		
081	9.817 648		9.940 403		0.059 597	9.877 245		919	
082	9.817 657	9	9.940 418	15	0.059 582	9.877 239	6	918	
083	9.817 666	9	9.940 433	15	0.059 567	9.877 232	7	917	
		8		16			6		
084	9.817 674		9.940 449		0.059 551	9.877 226		916	
085	9.817 683	9	9.940 464	15	0.059 536	9.877 219	7	915	
086	9.817 692	9	9.940 479	15	0.059 521	9.877 212	7	914	
		8		16			6		
087	9.817 700		9.940 495		0.059 505	9.877 206		913	
088	9.817 709	9	9.940 510	15	0.059 490	9.877 199	7	912	
089	9.817 718	9	9.940 525	15	0.059 475	9.877 193	6	911	
		8		16			7		
.090	9.817 726		9.940 541		0.059 459	9.877 186		.910	
		9		15			7		
091	9.817 735		9.940 556		0.059 444	9.877 179		909	
092	9.817 744	9	9.940 571	15	0.059 429	9.877 173	6	908	
093	9.817 753	9	9.940 586	15	0.059 414	9.877 166	7	907	
		8		16			7		
094	9.817 761		9.940 602		0.059 398	9.877 159		906	
095	9.817 770	9	9.940 617	15	0.059 383	9.877 153	6	905	
096	9.817 779	9	9.940 632	15	0.059 368	9.877 146	7	904	
		8		16			6		
097	9.817 787		9.940 648		0.059 352	9.877 140		903	
098	9.817 796	9	9.940 663	15	0.059 337	9.877 133	7	902	
099	9.817 805	9	9.940 678	15	0.059 322	9.877 126	7	901	
		8		16			6		
.100	9.817 813		9.940 694		0.059 306	9.877 120		.900	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.950 — 48°.900

41°.100 — 41°.150

41°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.817 813		9.940 694		0.059 306	9.877 120		.900	
		9		15			7		
101	9.817 822		9.940 709		0.059 291	9.877 113		899	
		9		15			6		
102	9.817 831		9.940 724		0.059 276	9.877 107		898	
		8		15			7		
103	9.817 839		9.940 739		0.059 261	9.877 100		897	
		9		16			7		
104	9.817 848		9.940 755		0.059 245	9.877 093		896	
		9		15			6		
105	9.817 857		9.940 770		0.059 230	9.877 087		895	
		8		15			7		
106	9.817 865		9.940 785		0.059 215	9.877 080		894	
		9		16			6		
107	9.817 874		9.940 801		0.059 199	9.877 074		893	
		9		15			7		
108	9.817 883		9.940 816		0.059 184	9.877 067		892	
		9		15			7		
109	9.817 892		9.940 831		0.059 169	9.877 060		891	
		8		16			6		
.110	9.817 900		9.940 847		0.059 153	9.877 054		.890	
		9		15			7		
111	9.817 909		9.940 862		0.059 138	9.877 047		889	
		9		15			7		
112	9.817 918		9.940 877		0.059 123	9.877 040		888	
		8		15			6		
113	9.817 926		9.940 892		0.059 108	9.877 034		887	
		9		16			7		
114	9.817 935		9.940 908		0.059 092	9.877 027		886	
		9		15			6		
115	9.817 944		9.940 923		0.059 077	9.877 021		885	
		8		15			7		
116	9.817 952		9.940 938		0.059 062	9.877 014		884	
		9		16			7		
117	9.817 961		9.940 954		0.059 046	9.877 007		883	
		9		15			6		
118	9.817 970		9.940 969		0.059 031	9.877 001		882	
		8		15			7		
119	9.817 978		9.940 984		0.059 016	9.876 994		881	
		9		16			7		
.120	9.817 987		9.941 000		0.059 000	9.876 987		.880	
		9		15			6		
121	9.817 996		9.941 015		0.058 985	9.876 981		879	
		8		15			7		
122	9.818 004		9.941 030		0.058 970	9.876 974		878	
		9		15			6		
123	9.818 013		9.941 045		0.058 955	9.876 968		877	
		9		16			7		
124	9.818 022		9.941 061		0.058 939	9.876 961		876	
		8		15			7		
125	9.818 030		9.941 076		0.058 924	9.876 954		875	
		9		15			6		
126	9.818 039		9.941 091		0.058 909	9.876 948		874	
		9		16			7		
127	9.818 048		9.941 107		0.058 893	9.876 941		873	
		9		15			6		
128	9.818 057		9.941 122		0.058 878	9.876 935		872	
		8		15			7		
129	9.818 065		9.941 137		0.058 863	9.876 928		871	
		9		16			7		
.130	9.818 074		9.941 153		0.058 847	9.876 921		.870	
		9		15			6		
131	9.818 083		9.941 168		0.058 832	9.876 915		869	
		8		15			7		
132	9.818 091		9.941 183		0.058 817	9.876 908		868	
		9		15			7		
133	9.818 100		9.941 198		0.058 802	9.876 901		867	
		9		16			6		
134	9.818 109		9.941 214		0.058 786	9.876 895		866	
		8		15			7		
135	9.818 117		9.941 229		0.058 771	9.876 888		865	
		9		15			6		
136	9.818 126		9.941 244		0.058 756	9.876 882		864	
		9		16			7		
137	9.818 135		9.941 260		0.058 740	9.876 875		863	
		8		15			7		
138	9.818 143		9.941 275		0.058 725	9.876 868		862	
		9		15			6		
139	9.818 152		9.941 290		0.058 710	9.876 862		861	
		9		16			7		
.140	9.818 161		9.941 306		0.058 694	9.876 855		.860	
		8		15			7		
141	9.818 169		9.941 321		0.058 679	9.876 848		859	
		9		15			6		
142	9.818 178		9.941 336		0.058 664	9.876 842		858	
		9		15			7		
143	9.818 187		9.941 351		0.058 649	9.876 835		857	
		8		16			6		
144	9.818 195		9.941 367		0.058 633	9.876 829		856	
		9		15			7		
145	9.818 204		9.941 382		0.058 618	9.876 822		855	
		9		15			7		
146	9.818 213		9.941 397		0.058 603	9.876 815		854	
		8		16			6		
147	9.818 221		9.941 413		0.058 587	9.876 809		853	
		9		15			7		
148	9.818 230		9.941 428		0.058 572	9.876 802		852	
		9		15			6		
149	9.818 239		9.941 443		0.058 557	9.876 796		851	
		8		16			7		
.150	9.818 247		9.941 459		0.058 541	9.876 789		.850	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.900 — 48°.850

41°.150 — 41°.200

41°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.818 247		9.941 459		0.058 541	9.876 789		.850	
		9		15			7		
151	9.818 256		9.941 474		0.058 526	9.876 782		849	
152	9.818 265	9	9.941 489	15	0.058 511	9.876 776	6	848	
153	9.818 273	8	9.941 504	15	0.058 496	9.876 769	7	847	
		9		16			7		
154	9.818 282		9.941 520		0.058 480	9.876 762		846	
155	9.818 291	9	9.941 535	15	0.058 465	9.876 756	6	845	
156	9.818 299	8	9.941 550	15	0.058 450	9.876 749	7	844	
		9		16			6		
157	9.818 308		9.941 566		0.058 434	9.876 743		843	
158	9.818 317	9	9.941 581	15	0.058 419	9.876 736	7	842	
159	9.818 325	8	9.941 596	15	0.058 404	9.876 729	7	841	
		9		16			6		
.160	9.818 334		9.941 612		0.058 388	9.876 723		.840	
		9		15			7		
161	9.818 343		9.941 627		0.058 373	9.876 716		839	
162	9.818 351	8	9.941 642	15	0.058 358	9.876 709	7	838	
163	9.818 360	9	9.941 657	15	0.058 343	9.876 703	6	837	
		9		16			7		
164	9.818 369		9.941 673		0.058 327	9.876 696		836	
165	9.818 377	8	9.941 688	15	0.058 312	9.876 689	7	835	
166	9.818 386	9	9.941 703	15	0.058 297	9.876 683	6	834	
		9		16			7		
167	9.818 395		9.941 719		0.058 281	9.876 676		833	
168	9.818 403	8	9.941 734	15	0.058 266	9.876 670	6	832	
169	9.818 412	9	9.941 749	15	0.058 251	9.876 663	7	831	
		9		15			7		
.170	9.818 421		9.941 764		0.058 236	9.876 656		.830	
		8		16			6		
171	9.818 429		9.941 780		0.058 220	9.876 650		829	
172	9.818 438	9	9.941 795	15	0.058 205	9.876 643	7	828	
173	9.818 447	9	9.941 810	15	0.058 190	9.876 636	7	827	
		8		16			6		
174	9.818 455		9.941 826		0.058 174	9.876 630		826	
175	9.818 464	9	9.941 841	15	0.058 159	9.876 623	7	825	
176	9.818 473	9	9.941 856	15	0.058 144	9.876 617	6	824	
		8		16			7		
177	9.818 481		9.941 872		0.058 128	9.876 610		823	
178	9.818 490	9	9.941 887	15	0.058 113	9.876 603	7	822	
179	9.818 499	9	9.941 902	15	0.058 098	9.876 597	6	821	
		8		15			7		
.180	9.818 507		9.941 917		0.058 083	9.876 590		.820	
		9		16			7		
181	9.818 516		9.941 933		0.058 067	9.876 583		819	
182	9.818 525	9	9.941 948	15	0.058 052	9.876 577	6	818	
183	9.818 533	8	9.941 963	15	0.058 037	9.876 570	7	817	
		9		16			6		
184	9.818 542		9.941 979		0.058 021	9.876 564		816	
185	9.818 551	9	9.941 994	15	0.058 006	9.876 557	7	815	
186	9.818 559	8	9.942 009	15	0.057 991	9.876 550	7	814	
		9		15			6		
187	9.818 568		9.942 024		0.057 976	9.876 544		813	
188	9.818 577	9	9.942 040	16	0.057 960	9.876 537	7	812	
189	9.818 585	8	9.942 055	15	0.057 945	9.876 530	7	811	
		9		15			6		
.190	9.818 594		9.942 070		0.057 930	9.876 524		.810	
		9		16			7		
191	9.818 603		9.942 086		0.057 914	9.876 517		809	
192	9.818 611	8	9.942 101	15	0.057 899	9.876 510	7	808	
193	9.818 620	9	9.942 116	15	0.057 884	9.876 504	6	807	
		9		16			7		
194	9.818 629		9.942 132		0.057 868	9.876 497		806	
195	9.818 637	8	9.942 147	15	0.057 853	9.876 491	6	805	
196	9.818 646	9	9.942 162	15	0.057 838	9.876 484	7	804	
		9		15			7		
197	9.818 655		9.942 177		0.057 823	9.876 477		803	
198	9.818 663	8	9.942 193	16	0.057 807	9.876 471	6	802	
199	9.818 672	9	9.942 208	15	0.057 792	9.876 464	7	801	
		9		15			7		
.200	9.818 681		9.942 223		0.057 777	9.876 457		.800	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.850 — 48°.800

41°.200 — 41°.250

41°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.818 681		9.942 223		0.057 777	9.876 457		**.800**	
		8		16			6		
201	9.818 689		9.942 239		0.057 761	9.876 451		799	
202	9.818 698	9	9.942 254	15	0.057 746	9.876 444	7	798	
203	9.818 707	9	9.942 269	15	0.057 731	9.876 437	7	797	
		8		15			6		
204	9.818 715		9.942 284	16	0.057 716	9.876 431		796	
205	9.818 724	9	9.942 300	15	0.057 700	9.876 424	7	795	
206	9.818 733	9	9.942 315	15	0.057 685	9.876 418	6	794	
		8		15			7		
207	9.818 741		9.942 330	16	0.057 670	9.876 411		793	
208	9.818 750	9	9.942 346	15	0.057 654	9.876 404	7	792	
209	9.818 759	9	9.942 361	15	0.057 639	9.876 398	6	791	
		8		15			7		
.210	9.818 767		9.942 376	16	0.057 624	9.876 391		**.790**	
		9					7		
211	9.818 776		9.942 392	15	0.057 608	9.876 384	6	789	
212	9.818 785	9	9.942 407	15	0.057 593	9.876 378	7	788	
213	9.818 793	8	9.942 422	15	0.057 578	9.876 371	7	787	
		9		16			6		
214	9.818 802		9.942 437	15	0.057 563	9.876 364	7	786	
215	9.818 811	9	9.942 453	15	0.057 547	9.876 358	7	785	
216	9.818 819	8	9.942 468	15	0.057 532	9.876 351	6	784	
		9		16			7		
217	9.818 828		9.942 483	15	0.057 517	9.876 345	7	783	
218	9.818 837	9	9.942 499	15	0.057 501	9.876 338	7	782	
219	9.818 845	8	9.942 514	15	0.057 486	9.876 331	6	781	
		9		15			7		
.220	9.818 854		9.942 529	15	0.057 471	9.876 325		**.780**	
		8					7		
221	9.818 862		9.942 544	16	0.057 456	9.876 318	7	779	
222	9.818 871	9	9.942 560	15	0.057 440	9.876 311	6	778	
223	9.818 880	9	9.942 575	15	0.057 425	9.876 305	7	777	
		8		16			7		
224	9.818 888		9.942 590	15	0.057 410	9.876 298	7	776	
225	9.818 897	9	9.942 606	15	0.057 394	9.876 291	6	775	
226	9.818 906	9	9.942 621	15	0.057 379	9.876 285	7	774	
		8		16			6		
227	9.818 914		9.942 636	15	0.057 364	9.876 278	7	773	
228	9.818 923	9	9.942 652	15	0.057 348	9.876 272	6	772	
229	9.818 932	9	9.942 667	15	0.057 333	9.876 265	7	771	
		8		15			7		
.230	9.818 940		9.942 682	15	0.057 318	9.876 258		**.770**	
		9					6		
231	9.818 949		9.942 697	16	0.057 303	9.876 252	7	769	
232	9.818 958	9	9.942 713	15	0.057 287	9.876 245	7	768	
233	9.818 966	8	9.942 728	15	0.057 272	9.876 238	6	767	
		9		16			7		
234	9.818 975		9.942 743	15	0.057 257	9.876 232	7	766	
235	9.818 984	9	9.942 759	15	0.057 241	9.876 225	7	765	
236	9.818 992	8	9.942 774	15	0.057 226	9.876 218	6	764	
		9		15			7		
237	9.819 001		9.942 789	15	0.057 211	9.876 212	7	763	
238	9.819 010	9	9.942 804	16	0.057 196	9.876 205	7	762	
239	9.819 018	8	9.942 820	15	0.057 180	9.876 198	6	761	
		9		15			7		
.240	9.819 027		9.942 835	15	0.057 165	9.876 192		**.760**	
		8					7		
241	9.819 035		9.942 850	16	0.057 150	9.876 185	7	759	
242	9.819 044	9	9.942 866	15	0.057 134	9.876 178	6	758	
243	9.819 053	9	9.942 881	15	0.057 119	9.876 172	7	757	
		8		15			6		
244	9.819 061		9.942 896	15	0.057 104	9.876 165	7	756	
245	9.819 070	9	9.942 911	16	0.057 089	9.876 159	6	755	
246	9.819 079	9	9.942 927	15	0.057 073	9.876 152	7	754	
		8		15			7		
247	9.819 087		9.942 942	15	0.057 058	9.876 145	6	753	
248	9.819 096	9	9.942 957	16	0.057 043	9.876 139	7	752	
249	9.819 105	9	9.942 973	15	0.057 027	9.876 132	7	751	
		8							
.250	9.819 113		9.942 988		0.057 012	9.876 125		**.750**	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.800 — 48°.750

41°.250 — 41°.300

41°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.819 113		9.942 988		0.057 012	9.876 125		.750	
		9		15			6		
251	9.819 122		9.943 003		0.056 997	9.876 119		749	
252	9.819 131	9	9.943 019	16	0.056 981	9.876 112	7	748	
253	9.819 139	8	9.943 034	15	0.056 966	9.876 105	7	747	
		9		15			6		
254	9.819 148		9.943 049		0.056 951	9.876 099		746	
255	9.819 156	8	9.943 064	15	0.056 936	9.876 092	7	745	
256	9.819 165	9	9.943 080	16	0.056 920	9.876 085	7	744	
		9		15			6		
257	9.819 174		9.943 095		0.056 905	9.876 079		743	
258	9.819 182	8	9.943 110	15	0.056 890	9.876 072	7	742	
259	9.819 191	9	9.943 126	16	0.056 874	9.876 065	7	741	
		9		15			6		
.260	9.819 200		9.943 141		0.056 859	9.876 059		.740	
		8		15			7		
261	9.819 208		9.943 156		0.056 844	9.876 052		739	
262	9.819 217	9	9.943 171	15	0.056 829	9.876 046	6	738	
263	9.819 226	9	9.943 187	16	0.056 813	9.876 039	7	737	
		8		15			7		
264	9.819 234		9.943 202		0.056 798	9.876 032		736	
265	9.819 243	9	9.943 217	15	0.056 783	9.876 026	6	735	
266	9.819 252	9	9.943 233	16	0.056 767	9.876 019	7	734	
		8		15			7		
267	9.819 260		9.943 248		0.056 752	9.876 012		733	
268	9.819 269	9	9.943 263	15	0.056 737	9.876 006	6	732	
269	9.819 277	8	9.943 278	15	0.056 722	9.875 999	7	731	
		9		16			7		
.270	9.819 286		9.943 294		0.056 706	9.875 992		.730	
		9		15			6		
271	9.819 295		9.943 309		0.056 691	9.875 986		729	
272	9.819 303	8	9.943 324	15	0.056 676	9.875 979	7	728	
273	9.819 312	9	9.943 340	16	0.056 660	9.875 972	7	727	
		9		15			6		
274	9.819 321		9.943 355		0.056 645	9.875 966		726	
275	9.819 329	8	9.943 370	15	0.056 630	9.875 959	7	725	
276	9.819 338	9	9.943 385	15	0.056 615	9.875 952	7	724	
		9		16			6		
277	9.819 347		9.943 401		0.056 599	9.875 946		723	
278	9.819 355	8	9.943 416	15	0.056 584	9.875 939	7	722	
279	9.819 364	9	9.943 431	15	0.056 569	9.875 932	7	721	
		8		16			6		
.280	9.819 372		9.943 447		0.056 553	9.875 926		.720	
		9		15			7		
281	9.819 381		9.943 462		0.056 538	9.875 919		719	
282	9.819 390	9	9.943 477	15	0.056 523	9.875 912	7	718	
283	9.819 398	8	9.943 492	15	0.056 508	9.875 906	6	717	
		9		16			7		
284	9.819 407		9.943 508		0.056 492	9.875 899		716	
285	9.819 416	9	9.943 523	15	0.056 477	9.875 893	6	715	
286	9.819 424	8	9.943 538	15	0.056 462	9.875 886	7	714	
		9		16			7		
287	9.819 433		9.943 554		0.056 446	9.875 879		713	
288	9.819 441	8	9.943 569	15	0.056 431	9.875 873	6	712	
289	9.819 450	9	9.943 584	15	0.056 416	9.875 866	7	711	
		9		16			7		
.290	9.819 459		9.943 600		0.056 400	9.875 859		.710	
		8		15			6		
291	9.819 467		9.943 615		0.056 385	9.875 853		709	
292	9.819 476	9	9.943 630	15	0.056 370	9.875 846	7	708	
293	9.819 485	9	9.943 645	15	0.056 355	9.875 839	7	707	
		8		16			6		
294	9.819 493		9.943 661		0.056 339	9.875 833		706	
295	9.819 502	9	9.943 676	15	0.056 324	9.875 826	7	705	
296	9.819 511	9	9.943 691	15	0.056 309	9.875 819	7	704	
		8		16			6		
297	9.819 519		9.943 707		0.056 293	9.875 813		703	
298	9.819 528	9	9.943 722	15	0.056 278	9.875 806	7	702	
299	9.819 536	8	9.943 737	15	0.056 263	9.875 799	7	701	
		9		15			6		
.300	9.819 545		9.943 752		0.056 248	9.875 793		.700	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.750 — 48°.700

41°.300 — 41°.350

41°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.819 545		9.943 752		0.056 248	9.875 793		.700	
		9		16			7		
301	9.819 554		9.943 768		0.056 232	9.875 786		699	
302	9.819 562	8	9.943 783	15	0.056 217	9.875 779	7	698	
303	9.819 571	9	9.943 798	15	0.056 202	9.875 773	6	697	
		9		16			7		
304	9.819 580		9.943 814		0.056 186	9.875 766		696	
305	9.819 588	8	9.943 829	15	0.056 171	9.875 759	7	695	
306	9.819 597	9	9.943 844	15	0.056 156	9.875 753	6	694	
		8		15			7		
307	9.819 605		9.943 859		0.056 141	9.875 746		693	
308	9.819 614	9	9.943 875	16	0.056 125	9.875 739	7	692	
309	9.819 623	9	9.943 890	15	0.056 110	9.875 733	6	691	
		8		15			7		
.310	9.819 631		9.943 905		0.056 095	9.875 726		.690	
		9		16			7		
311	9.819 640		9.943 921		0.056 079	9.875 719		689	
312	9.819 649	9	9.943 936	15	0.056 064	9.875 713	6	688	
313	9.819 657	8	9.943 951	15	0.056 049	9.875 706	7	687	
		9		15			7		
314	9.819 666		9.943 966		0.056 034	9.875 699		686	
315	9.819 674	8	9.943 982	16	0.056 018	9.875 693	6	685	
316	9.819 683	9	9.943 997	15	0.056 003	9.875 686	7	684	
		9		15			7		
317	9.819 692		9.944 012		0.055 988	9.875 679		683	
318	9.819 700	8	9.944 028	16	0.055 972	9.875 673	6	682	
319	9.819 709	9	9.944 043	15	0.055 957	9.875 666	7	681	
		9		15			7		
.320	9.819 718		9.944 058		0.055 942	9.875 659		.680	
		8		15			6		
321	9.819 726		9.944 073		0.055 927	9.875 653		679	
322	9.819 735	9	9.944 089	16	0.055 911	9.875 646	7	678	
323	9.819 743	8	9.944 104	15	0.055 896	9.875 639	7	677	
		9		15			6		
324	9.819 752		9.944 119		0.055 881	9.875 633		676	
325	9.819 761	9	9.944 135	16	0.055 865	9.875 626	7	675	
326	9.819 769	8	9.944 150	15	0.055 850	9.875 619	7	674	
		9		15			6		
327	9.819 778		9.944 165		0.055 835	9.875 613		673	
328	9.819 786	8	9.944 180	15	0.055 820	9.875 606	7	672	
329	9.819 795	9	9.944 196	16	0.055 804	9.875 599	7	671	
		9		15			6		
.330	9.819 804		9.944 211		0.055 789	9.875 593		.670	
		8		15			7		
331	9.819 812		9.944 226		0.055 774	9.875 586		669	
332	9.819 821	9	9.944 242	16	0.055 758	9.875 579	7	668	
333	9.819 830	9	9.944 257	15	0.055 743	9.875 573	6	667	
		8		15			7		
334	9.819 838		9.944 272		0.055 728	9.875 566		666	
335	9.819 847	9	9.944 287	15	0.055 713	9.875 559	7	665	
336	9.819 855	8	9.944 303	16	0.055 697	9.875 553	6	664	
		9		15			7		
337	9.819 864		9.944 318		0.055 682	9.875 546		663	
338	9.819 873	9	9.944 333	15	0.055 667	9.875 539	7	662	
339	9.819 881	8	9.944 349	16	0.055 651	9.875 533	6	661	
		9		15			7		
.340	9.819 890		9.944 364		0.055 636	9.875 526		.660	
		9		15			7		
341	9.819 899		9.944 379		0.055 621	9.875 519		659	
342	9.819 907	8	9.944 394	15	0.055 606	9.875 513	6	658	
343	9.819 916	9	9.944 410	16	0.055 590	9.875 506	7	657	
		8		15			7		
344	9.819 924		9.944 425		0.055 575	9.875 499		656	
345	9.819 933	9	9.944 440	15	0.055 560	9.875 493	6	655	
346	9.819 942	9	9.944 456	16	0.055 544	9.875 486	7	654	
		8		15			7		
347	9.819 950		9.944 471		0.055 529	9.875 479		653	
348	9.819 959	9	9.944 486	15	0.055 514	9.875 473	6	652	
349	9.819 967	8	9.944 501	15	0.055 499	9.875 466	7	651	
		9		16			7		
.350	9.819 976		9.944 517		0.055 483	9.875 459		.650	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

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6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.700 — 48°.650

41°.350 — 41°.400

41°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.819 976		9.944 517		0.055 483	9.875 459		.650	
351	9.819 985	9	9.944 532	15	0.055 468	9.875 453	6	649	
352	9.819 993	8	9.944 547	15	0.055 453	9.875 446	7	648	
353	9.820 002	9	9.944 562	15	0.055 438	9.875 439	7	647	
354	9.820 011	9	9.944 578	16	0.055 422	9.875 433	6	646	
355	9.820 019	8	9.944 593	15	0.055 407	9.875 426	7	645	
356	9.820 028	9	9.944 608	15	0.055 392	9.875 419	7	644	
357	9.820 036	8	9.944 624	16	0.055 376	9.875 413	6	643	
358	9.820 045	9	9.944 639	15	0.055 361	9.875 406	7	642	
359	9.820 054	9	9.944 654	15	0.055 346	9.875 399	7	641	
.360	9.820 062	8	9.944 669	15	0.055 331	9.875 393	6	.640	
361	9.820 071	9	9.944 685	16	0.055 315	9.875 386	7	639	
362	9.820 079	8	9.944 700	15	0.055 300	9.875 379	7	638	
363	9.820 088	9	9.944 715	15	0.055 285	9.875 373	6	637	
364	9.820 097	9	9.944 731	16	0.055 269	9.875 366	7	636	
365	9.820 105	8	9.944 746	15	0.055 254	9.875 359	7	635	
366	9.820 114	9	9.944 761	15	0.055 239	9.875 353	6	634	
367	9.820 122	8	9.944 776	15	0.055 224	9.875 346	7	633	
368	9.820 131	9	9.944 792	16	0.055 208	9.875 339	7	632	
369	9.820 140	9	9.944 807	15	0.055 193	9.875 333	6	631	
.370	9.820 148	8	9.944 822	15	0.055 178	9.875 326	7	.630	
371	9.820 157	9	9.944 838	16	0.055 162	9.875 319	7	629	
372	9.820 165	8	9.944 853	15	0.055 147	9.875 313	6	628	
373	9.820 174	9	9.944 868	15	0.055 132	9.875 306	7	627	
374	9.820 183	9	9.944 883	15	0.055 117	9.875 299	7	626	
375	9.820 191	8	9.944 899	16	0.055 101	9.875 293	6	625	
376	9.820 200	9	9.944 914	15	0.055 086	9.875 286	7	624	
377	9.820 208	8	9.944 929	15	0.055 071	9.875 279	7	623	
378	9.820 217	9	9.944 945	16	0.055 055	9.875 273	6	622	
379	9.820 226	9	9.944 960	15	0.055 040	9.875 266	7	621	
.380	9.820 234	8	9.944 975	15	0.055 025	9.875 259	7	.620	
381	9.820 243	9	9.944 990	15	0.055 010	9.875 253	6	619	
382	9.820 252	9	9.945 006	16	0.054 994	9.875 246	7	618	
383	9.820 260	8	9.945 021	15	0.054 979	9.875 239	7	617	
384	9.820 269	9	9.945 036	15	0.054 964	9.875 232	7	616	
385	9.820 277	8	9.945 052	16	0.054 948	9.875 226	6	615	
386	9.820 286	9	9.945 067	15	0.054 933	9.875 219	7	614	
387	9.820 295	9	9.945 082	15	0.054 918	9.875 212	7	613	
388	9.820 303	8	9.945 097	15	0.054 903	9.875 206	6	612	
389	9.820 312	9	9.945 113	16	0.054 887	9.875 199	7	611	
.390	9.820 320	8	9.945 128	15	0.054 872	9.875 192	7	.610	
391	9.820 329	9	9.945 143	15	0.054 857	9.875 186	6	609	
392	9.820 338	9	9.945 158	15	0.054 842	9.875 179	7	608	
393	9.820 346	8	9.945 174	16	0.054 826	9.875 172	7	607	
394	9.820 355	9	9.945 189	15	0.054 811	9.875 166	6	606	
395	9.820 363	8	9.945 204	15	0.054 796	9.875 159	7	605	
396	9.820 372	9	9.945 220	16	0.054 780	9.875 152	7	604	
397	9.820 381	9	9.945 235	15	0.054 765	9.875 146	6	603	
398	9.820 389	8	9.945 250	15	0.054 750	9.875 139	7	602	
399	9.820 398	9	9.945 265	15	0.054 735	9.875 132	7	601	
.400	9.820 406	8	9.945 281	16	0.054 719	9.875 126	6	.600	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.650 — 48°.600

41°.400 — 41°.450

41°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.820 406		9.945 281		0.054 719	9.875 126		.600	
401	9.820 415	9	9.945 296	15	0.054 704	9.875 119	7	599	
402	9.820 424	9	9.945 311	15	0.054 689	9.875 112	7	598	
403	9.820 432	8	9.945 327	16	0.054 673	9.875 106	6	597	
404	9.820 441	9	9.945 342	15	0.054 658	9.875 099	7	596	
405	9.820 449	8	9.945 357	15	0.054 643	9.875 092	7	595	
406	9.820 458	9	9.945 372	15	0.054 628	9.875 085	7	594	
407	9.820 466	8	9.945 388	16	0.054 612	9.875 079	6	593	
408	9.820 475	9	9.945 403	15	0.054 597	9.875 072	7	592	
409	9.820 484	9	9.945 418	15	0.054 582	9.875 065	7	591	
.410	9.820 492	8	9.945 434	16	0.054 566	9.875 059	6	.590	
411	9.820 501	9	9.945 449	15	0.054 551	9.875 052	7	589	
412	9.820 509	8	9.945 464	15	0.054 536	9.875 045	7	588	
413	9.820 518	9	9.945 479	15	0.054 521	9.875 039	6	587	
414	9.820 527	9	9.945 495	16	0.054 505	9.875 032	7	586	
415	9.820 535	8	9.945 510	15	0.054 490	9.875 025	7	585	
416	9.820 544	9	9.945 525	15	0.054 475	9.875 019	6	584	
417	9.820 552	8	9.945 540	15	0.054 460	9.875 012	7	583	
418	9.820 561	9	9.945 556	16	0.054 444	9.875 005	7	582	
419	9.820 570	9	9.945 571	15	0.054 429	9.874 999	6	581	
.420	9.820 578	8	9.945 586	15	0.054 414	9.874 992	7	.580	
421	9.820 587	9	9.945 602	16	0.054 398	9.874 985	7	579	
422	9.820 595	8	9.945 617	15	0.054 383	9.874 979	6	578	
423	9.820 604	9	9.945 632	15	0.054 368	9.874 972	7	577	
424	9.820 613	9	9.945 647	15	0.054 353	9.874 965	7	576	
425	9.820 621	8	9.945 663	16	0.054 337	9.874 958	7	575	
426	9.820 630	9	9.945 678	15	0.054 322	9.874 952	6	574	
427	9.820 638	8	9.945 693	15	0.054 307	9.874 945	7	573	
428	9.820 647	9	9.945 709	16	0.054 291	9.874 938	7	572	
429	9.820 656	9	9.945 724	15	0.054 276	9.874 932	6	571	
.430	9.820 664	8	9.945 739	15	0.054 261	9.874 925	7	.570	
431	9.820 673	9	9.945 754	15	0.054 246	9.874 918	7	569	
432	9.820 681	8	9.945 770	16	0.054 230	9.874 912	6	568	
433	9.820 690	9	9.945 785	15	0.054 215	9.874 905	7	567	
434	9.820 698	8	9.945 800	15	0.054 200	9.874 898	7	566	
435	9.820 707	9	9.945 816	16	0.054 184	9.874 892	6	565	
436	9.820 716	9	9.945 831	15	0.054 169	9.874 885	7	564	
437	9.820 724	8	9.945 846	15	0.054 154	9.874 878	7	563	
438	9.820 733	9	9.945 861	15	0.054 139	9.874 871	7	562	
439	9.820 741	8	9.945 877	16	0.054 123	9.874 865	6	561	
.440	9.820 750	9	9.945 892	15	0.054 108	9.874 858	7	.560	
441	9.820 759	9	9.945 907	15	0.054 093	9.874 851	7	559	
442	9.820 767	8	9.945 922	15	0.054 078	9.874 845	6	558	
443	9.820 776	9	9.945 938	16	0.054 062	9.874 838	7	557	
444	9.820 784	8	9.945 953	15	0.054 047	9.874 831	7	556	
445	9.820 793	9	9.945 968	15	0.054 032	9.874 825	6	555	
446	9.820 801	8	9.945 984	16	0.054 016	9.874 818	7	554	
447	9.820 810	9	9.945 999	15	0.054 001	9.874 811	7	553	
448	9.820 819	9	9.946 014	15	0.053 986	9.874 805	6	552	
449	9.820 827	8	9.946 029	15	0.053 971	9.874 798	7	551	
.450	9.820 836	9	9.946 045	16	0.053 955	9.874 791	7	.550	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

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9	14.4	13.5

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5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.600 — 48°.550

41°.450 — 41°.500

41°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.820 836		9.946 045		0.053 955	9.874 791		.550	
		8		15			7		
451	9.820 844		9.946 060		0.053 940	9.874 784		549	
452	9.820 853	9	9.946 075	15	0.053 925	9.874 778	6	548	
453	9.820 862	9	9.946 090	15	0.053 910	9.874 771	7	547	
		8		16			7		
454	9.820 870		9.946 106		0.053 894	9.874 764	6	546	
455	9.820 879	9	9.946 121	15	0.053 879	9.874 758		545	
456	9.820 887	8	9.946 136	15	0.053 864	9.874 751	7	544	
		9		16			7		
457	9.820 896		9.946 152		0.053 848	9.874 744	6	543	
458	9.820 904	8	9.946 167	15	0.053 833	9.874 738		542	
459	9.820 913	9	9.946 182	15	0.053 818	9.874 731	7	541	
		9		15			7		
.460	9.820 922		9.946 197		0.053 803	9.874 724	6	.540	
		8		16					
461	9.820 930		9.946 213		0.053 787	9.874 718		539	
462	9.820 939	9	9.946 228	15	0.053 772	9.874 711	7	538	
463	9.820 947	8	9.946 243	15	0.053 757	9.874 704	7	537	
		9		16			7		
464	9.820 956		9.946 259		0.053 741	9.874 697	6	536	
465	9.820 965	9	9.946 274	15	0.053 726	9.874 691		535	
466	9.820 973	8	9.946 289	15	0.053 711	9.874 684	7	534	
		9		15			7		
467	9.820 982		9.946 304		0.053 696	9.874 677	6	533	
468	9.820 990	8	9.946 320	16	0.053 680	9.874 671		532	
469	9.820 999	9	9.946 335	15	0.053 665	9.874 664	7	531	
		8		15			7		
.470	9.821 007		9.946 350		0.053 650	9.874 657	6	.530	
		9		15					
471	9.821 016		9.946 365		0.053 635	9.874 651		529	
472	9.821 025	9	9.946 381	16	0.053 619	9.874 644	7	528	
473	9.821 033	8	9.946 396	15	0.053 604	9.874 637	7	527	
		9		15			7		
474	9.821 042		9.946 411		0.053 589	9.874 630	6	526	
475	9.821 050	8	9.946 427	16	0.053 573	9.874 624		525	
476	9.821 059	9	9.946 442	15	0.053 558	9.874 617	7	524	
		8		15			7		
477	9.821 067		9.946 457		0.053 543	9.874 610	6	523	
478	9.821 076	9	9.946 472	15	0.053 528	9.874 604		522	
479	9.821 085	9	9.946 488	16	0.053 512	9.874 597	7	521	
		8		15			7		
.480	9.821 093		9.946 503		0.053 497	9.874 590	6	.520	
		9		15					
481	9.821 102		9.946 518		0.053 482	9.874 584		519	
482	9.821 110	8	9.946 533	15	0.053 467	9.874 577	7	518	
483	9.821 119	9	9.946 549	16	0.053 451	9.874 570	7	517	
		8		15			7		
484	9.821 127		9.946 564		0.053 436	9.874 563	6	516	
485	9.821 136	9	9.946 579	15	0.053 421	9.874 557		515	
486	9.821 145	9	9.946 595	16	0.053 405	9.874 550	7	514	
		8		15			7		
487	9.821 153		9.946 610		0.053 390	9.874 543	6	513	
488	9.821 162	9	9.946 625	15	0.053 375	9.874 537		512	
489	9.821 170	8	9.946 640	15	0.053 360	9.874 530	7	511	
		9		16			7		
.490	9.821 179		9.946 656		0.053 344	9.874 523		.510	
		8		15			7		
491	9.821 187		9.946 671		0.053 329	9.874 516	6	509	
492	9.821 196	9	9.946 686	15	0.053 314	9.874 510		508	
493	9.821 205	9	9.946 702	16	0.053 298	9.874 503	7	507	
		8		15			7		
494	9.821 213		9.946 717		0.053 283	9.874 496	6	506	
495	9.821 222	9	9.946 732	15	0.053 268	9.874 490		505	
496	9.821 230	8	9.946 747	15	0.053 253	9.874 483	7	504	
		9		16			7		
497	9.821 239		9.946 763		0.053 237	9.874 476	6	503	
498	9.821 247	8	9.946 778	15	0.053 222	9.874 470		502	
499	9.821 256	9	9.946 793	15	0.053 207	9.874 463	7	501	
		9		15			7		
.500	9.821 265		9.946 808		0.053 192	9.874 456		.500	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.550 — 48°.500

41°.500 — 41°.550

41°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.821 265		9.946 808		0.053 192	9.874 456		.500	
501	9.821 273	8	9.946 824	16	0.053 176	9.874 449	7	499	
502	9.821 282	9	9.946 839	15	0.053 161	9.874 443	6	498	
503	9.821 290	8	9.946 854	15	0.053 146	9.874 436	7	497	
504	9.821 299	9	9.946 870	16	0.053 130	9.874 429	7	496	
505	9.821 307	8	9.946 885	15	0.053 115	9.874 423	6	495	
506	9.821 316	9	9.946 900	15	0.053 100	9.874 416	7	494	
507	9.821 325	9	9.946 915	15	0.053 085	9.874 409	7	493	
508	9.821 333	8	9.946 931	16	0.053 069	9.874 402	7	492	
509	9.821 342	9	9.946 946	15	0.053 054	9.874 396	6	491	
.510	9.821 350	8	9.946 961	15	0.053 039	9.874 389	7	.490	
511	9.821 359	9	9.946 976	15	0.053 024	9.874 382	7	489	
512	9.821 367	8	9.946 992	16	0.053 008	9.874 376	6	488	
513	9.821 376	9	9.947 007	15	0.052 993	9.874 369	7	487	
514	9.821 384	8	9.947 022	15	0.052 978	9.874 362	7	486	
515	9.821 393	9	9.947 038	16	0.052 962	9.874 356	6	485	
516	9.821 402	9	9.947 053	15	0.052 947	9.874 349	7	484	
517	9.821 410	8	9.947 068	15	0.052 932	9.874 342	7	483	
518	9.821 419	9	9.947 083	15	0.052 917	9.874 335	7	482	
519	9.821 427	8	9.947 099	16	0.052 901	9.874 329	6	481	
.520	9.821 436	9	9.947 114	15	0.052 886	9.874 322	7	.480	
521	9.821 444	8	9.947 129	15	0.052 871	9.874 315	7	479	
522	9.821 453	9	9.947 144	15	0.052 856	9.874 309	6	478	
523	9.821 462	9	9.947 160	16	0.052 840	9.874 302	7	477	
524	9.821 470	8	9.947 175	15	0.052 825	9.874 295	7	476	
525	9.821 479	9	9.947 190	15	0.052 810	9.874 288	7	475	
526	9.821 487	8	9.947 206	16	0.052 794	9.874 282	6	474	
527	9.821 496	9	9.947 221	15	0.052 779	9.874 275	7	473	
528	9.821 504	8	9.947 236	15	0.052 764	9.874 268	7	472	
529	9.821 513	9	9.947 251	15	0.052 749	9.874 262	6	471	
.530	9.821 521	8	9.947 267	16	0.052 733	9.874 255	7	.470	
531	9.821 530	9	9.947 282	15	0.052 718	9.874 248	7	469	
532	9.821 539	9	9.947 297	15	0.052 703	9.874 241	7	468	
533	9.821 547	8	9.947 312	16	0.052 688	9.874 235	6	467	
534	9.821 556	9	9.947 328	15	0.052 672	9.874 228	7	466	
535	9.821 564	8	9.947 343	15	0.052 657	9.874 221	7	465	
536	9.821 573	9	9.947 358	16	0.052 642	9.874 215	6	464	
537	9.821 581	8	9.947 374	15	0.052 626	9.874 208	7	463	
538	9.821 590	9	9.947 389	15	0.052 611	9.874 201	7	462	
539	9.821 598	8	9.947 404	15	0.052 596	9.874 194	7	461	
.540	9.821 607	9	9.947 419	16	0.052 581	9.874 188	6	.460	
541	9.821 616	9	9.947 435	15	0.052 565	9.874 181	7	459	
542	9.821 624	8	9.947 450	15	0.052 550	9.874 174	7	458	
543	9.821 633	9	9.947 465	15	0.052 535	9.874 168	6	457	
544	9.821 641	8	9.947 480	16	0.052 520	9.874 161	7	456	
545	9.821 650	9	9.947 496	15	0.052 504	9.874 154	7	455	
546	9.821 658	8	9.947 511	15	0.052 489	9.874 147	7	454	
547	9.821 667	9	9.947 526	15	0.052 474	9.874 141	6	453	
548	9.821 675	8	9.947 541	15	0.052 459	9.874 134	7	452	
549	9.821 684	9	9.947 557	16	0.052 443	9.874 127	7	451	
.550	9.821 693	9	9.947 572	15	0.052 428	9.874 121	6	.450	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.500 — 48°.450

41°.550 — 41°.600

41°	sin	d	tang	d	cotg	cos	d		P.P.		
.550	9.821 693		9.947 572		0.052 428	9.874 121		**.450**			
		8		15			7				
551	9.821 701		9.947 587		0.052 413	9.874 114		449			
552	9.821 710	9	9.947 603	16	0.052 397	9.874 107	7	448			
553	9.821 718	8	9.947 618	15	0.052 382	9.874 100	7	447			
		9		15			6				
554	9.821 727		9.947 633		0.052 367	9.874 094		446			
555	9.821 735	8	9.947 648	15	0.052 352	9.874 087	7	445			
556	9.821 744	9	9.947 664	16	0.052 336	9.874 080	7	444			
		8		15			6				
557	9.821 752		9.947 679		0.052 321	9.874 074		443		16	15
558	9.821 761	9	9.947 694	15	0.052 306	9.874 067	7	442	1	1.6	1.5
559	9.821 770	9	9.947 709	15	0.052 291	9.874 060	7	441	2	3.2	3.0
		8		16			7		3	4.8	4.5
.560	9.821 778		9.947 725		0.052 275	9.874 053		**.440**	4	6.4	6.0
		9		15			6		5	8.0	7.5
561	9.821 787		9.947 740		0.052 260	9.874 047		439	6	9.6	9.0
562	9.821 795	8	9.947 755	15	0.052 245	9.874 040	7	438	7	11.2	10.5
563	9.821 804	9	9.947 771	16	0.052 229	9.874 033	7	437	8	12.8	12.0
		8		15			7		9	14.4	13.5
564	9.821 812		9.947 786		0.052 214	9.874 026	6	436			
565	9.821 821	9	9.947 801	15	0.052 199	9.874 020		435			
566	9.821 829	8	9.947 816	15	0.052 184	9.874 013	7	434			
		9		16			7				
567	9.821 838		9.947 832		0.052 168	9.874 006	6	433			
568	9.821 846	8	9.947 847	15	0.052 153	9.874 000		432			
569	9.821 855	9	9.947 862	15	0.052 138	9.873 993	7	431			
		9		15			7				
.570	9.821 864		9.947 877		0.052 123	9.873 986		**.430**			
		8		16			7				
571	9.821 872		9.947 893		0.052 107	9.873 979	6	429		9	8
572	9.821 881	9	9.947 908	15	0.052 092	9.873 973		428			
573	9.821 889	8	9.947 923	15	0.052 077	9.873 966	7	427	1	0.9	0.8
		9		15			7		2	1.8	1.6
574	9.821 898		9.947 938		0.052 062	9.873 959	6	426	3	2.7	2.4
575	9.821 906	8	9.947 954	16	0.052 046	9.873 953		425	4	3.6	3.2
576	9.821 915	9	9.947 969	15	0.052 031	9.873 946	7	424	5	4.5	4.0
		8		15			7		6	5.4	4.8
577	9.821 923		9.947 984		0.052 016	9.873 939	7	423	7	6.3	5.6
578	9.821 932	9	9.948 000	16	0.052 000	9.873 932	7	422	8	7.2	6.4
579	9.821 940	8	9.948 015	15	0.051 985	9.873 926	6	421	9	8.1	7.2
		9		15			7				
.580	9.821 949		9.948 030		0.051 970	9.873 919		**.420**			
		9		15			7				
581	9.821 958		9.948 045		0.051 955	9.873 912		419			
582	9.821 966	8	9.948 061	16	0.051 939	9.873 905	7	418			
583	9.821 975	9	9.948 076	15	0.051 924	9.873 899	6	417			
		8		15			7				
584	9.821 983		9.948 091		0.051 909	9.873 892	7	416			
585	9.821 992	9	9.948 106	15	0.051 894	9.873 885	7	415			
586	9.822 000	8	9.948 122	16	0.051 878	9.873 879	6	414		7	6
		9		15			7				
587	9.822 009		9.948 137		0.051 863	9.873 872	7	413	1	0.7	0.6
588	9.822 017	8	9.948 152	15	0.051 848	9.873 865	7	412	2	1.4	1.2
589	9.822 026	9	9.948 168	16	0.051 832	9.873 858	7	411	3	2.1	1.8
		8		15			6		4	2.8	2.4
.590	9.822 034		9.948 183		0.051 817	9.873 852		**.410**	5	3.5	3.0
		9		15			7		6	4.2	3.6
591	9.822 043		9.948 198		0.051 802	9.873 845		409	7	4.9	4.2
592	9.822 052	9	9.948 213	15	0.051 787	9.873 838	7	408	8	5.6	4.8
593	9.822 060	8	9.948 229	16	0.051 771	9.873 831	7	407	9	6.3	5.4
		9		15			6				
594	9.822 069		9.948 244		0.051 756	9.873 825		406			
595	9.822 077	8	9.948 259	15	0.051 741	9.873 818	7	405			
596	9.822 086	9	9.948 274	15	0.051 726	9.873 811	7	404			
		8		16			6				
597	9.822 094		9.948 290		0.051 710	9.873 805		403			
598	9.822 103	9	9.948 305	15	0.051 695	9.873 798	7	402			
599	9.822 111	8	9.948 320	15	0.051 680	9.873 791	7	401			
		9		15			7				
.600	9.822 120		9.948 335		0.051 665	9.873 784		**.400**			
	cos	d	cotg	d	tang	sin	d	**48°**	P.P.		

48°.450 — 48°.400

41°.600 — 41°.650

41°	sin	d	tang	d	cotg	cos	d	
.600	9.822 120		9.948 335		0.051 665	9.873 784		.400
		8		16			6	
601	9.822 128		9.948 351		0.051 649	9.873 778		399
602	9.822 137	9	9.948 366	15	0.051 634	9.873 771	7	398
603	9.822 145	8	9.948 381	15	0.051 619	9.873 764	7	397
		9		16			7	
604	9.822 154	8	9.948 397		0.051 603	9.873 757	6	396
605	9.822 162		9.948 412	15	0.051 588	9.873 751		395
606	9.822 171	9	9.948 427	15	0.051 573	9.873 744	7	394
		9		15			7	
607	9.822 180	8	9.948 442		0.051 558	9.873 737	6	393
608	9.822 188		9.948 458	16	0.051 542	9.873 731		392
609	9.822 197	9	9.948 473	15	0.051 527	9.873 724	7	391
		8		15			7	
.610	9.822 205		9.948 488		0.051 512	9.873 717		.390
		9		15			7	
611	9.822 214	8	9.948 503		0.051 497	9.873 710	6	389
612	9.822 222		9.948 519	16	0.051 481	9.873 704		388
613	9.822 231	9	9.948 534	15	0.051 466	9.873 697	7	387
		8		15			7	
614	9.822 239		9.948 549		0.051 451	9.873 690		386
615	9.822 248	9	9.948 564	15	0.051 436	9.873 683	7	385
616	9.822 256	8	9.948 580	16	0.051 420	9.873 677	6	384
		9		15			7	
617	9.822 265	8	9.948 595		0.051 405	9.873 670		383
618	9.822 273		9.948 610	15	0.051 390	9.873 663	7	382
619	9.822 282	9	9.948 626	16	0.051 374	9.873 656	7	381
		9		15			6	
.620	9.822 291		9.948 641		0.051 359	9.873 650		.380
		8		15			7	
621	9.822 299		9.948 656		0.051 344	9.873 643		379
622	9.822 308	9	9.948 671	15	0.051 329	9.873 636	7	378
623	9.822 316	8	9.948 687	16	0.051 313	9.873 630	6	377
		9		15			7	
624	9.822 325	8	9.948 702		0.051 298	9.873 623		376
625	9.822 333		9.948 717	15	0.051 283	9.873 616	7	375
626	9.822 342	9	9.948 732	15	0.051 268	9.873 609	7	374
		8		16			6	
627	9.822 350		9.948 748		0.051 252	9.873 603		373
628	9.822 359	9	9.948 763	15	0.051 237	9.873 596	7	372
629	9.822 367	8	9.948 778	15	0.051 222	9.873 589	7	371
		9		15			7	
.630	9.822 376		9.948 793		0.051 207	9.873 582		.370
		8		16			6	
631	9.822 384		9.948 809		0.051 191	9.873 576		369
632	9.822 393	9	9.948 824	15	0.051 176	9.873 569	7	368
633	9.822 401	8	9.948 839	15	0.051 161	9.873 562	7	367
		9		16			7	
634	9.822 410	8	9.948 855		0.051 145	9.873 555		366
635	9.822 418		9.948 870	15	0.051 130	9.873 549	6	365
636	9.822 427	9	9.948 885	15	0.051 115	9.873 542	7	364
		8		15			7	
637	9.822 435		9.948 900		0.051 100	9.873 535		363
638	9.822 444	9	9.948 916	16	0.051 084	9.873 528	7	362
639	9.822 453	9	9.948 931	15	0.051 069	9.873 522	6	361
		8		15			7	
.640	9.822 461		9.948 946		0.051 054	9.873 515		.360
		9		15			7	
641	9.822 470	8	9.948 961		0.051 039	9.873 508		359
642	9.822 478		9.948 977	16	0.051 023	9.873 501	7	358
643	9.822 487	9	9.948 992	15	0.051 008	9.873 495	6	357
		8		15			7	
644	9.822 495		9.949 007		0.050 993	9.873 488		356
645	9.822 504	9	9.949 022	15	0.050 978	9.873 481	7	355
646	9.822 512	8	9.949 038	16	0.050 962	9.873 475	6	354
		9		15			7	
647	9.822 521	8	9.949 053		0.050 947	9.873 468		353
648	9.822 529		9.949 068	15	0.050 932	9.873 461	7	352
649	9.822 538	9	9.949 083	15	0.050 917	9.873 454	7	351
		8		16			6	
.650	9.822 546		9.949 099		0.050 901	9.873 448		.350
	cos	d	cotg	d	tang	sin	d	48°

P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.400 — 48°.350

41°.650 — 41°.700

41°	sin	d	tang	d	cotg	cos	d	
.650	9.822 546		9.949 099		0.050 901	9.873 448		**.350**
		9		15			7	
651	9.822 555		9.949 114		0.050 886	9.873 441		349
		8		15			7	
652	9.822 563		9.949 129		0.050 871	9.873 434		348
		9		16			7	
653	9.822 572		9.949 145		0.050 855	9.873 427		347
		8		15			6	
654	9.822 580		9.949 160		0.050 840	9.873 421		346
		9		15			7	
655	9.822 589		9.949 175		0.050 825	9.873 414		345
		8		15			7	
656	9.822 597		9.949 190		0.050 810	9.873 407		344
		9		16			7	
657	9.822 606		9.949 206		0.050 794	9.873 400		343
		8		15			6	
658	9.822 614		9.949 221		0.050 779	9.873 394		342
		9		15			7	
659	9.822 623		9.949 236		0.050 764	9.873 387		341
		9		15			7	
.660	9.822 632		9.949 251		0.050 749	9.873 380		**.340**
		8		16			7	
661	9.822 640		9.949 267		0.050 733	9.873 373		339
		9		15			6	
662	9.822 649		9.949 282		0.050 718	9.873 367		338
		8		15			7	
663	9.822 657		9.949 297		0.050 703	9.873 360		337
		9		15			7	
664	9.822 666		9.949 312		0.050 688	9.873 353		336
		8		16			7	
665	9.822 674		9.949 328		0.050 672	9.873 346		335
		9		15			6	
666	9.822 683		9.949 343		0.050 657	9.873 340		334
		8		15			7	
667	9.822 691		9.949 358		0.050 642	9.873 333		333
		9		15			7	
668	9.822 700		9.949 373		0.050 627	9.873 326		332
		8		16			7	
669	9.822 708		9.949 389		0.050 611	9.873 319		331
		9		15			6	
.670	9.822 717		9.949 404		0.050 596	9.873 313		**.330**
		8		15			7	
671	9.822 725		9.949 419		0.050 581	9.873 306		329
		9		16			7	
672	9.822 734		9.949 435		0.050 565	9.873 299		328
		8		15			7	
673	9.822 742		9.949 450		0.050 550	9.873 292		327
		9		15			6	
674	9.822 751		9.949 465		0.050 535	9.873 286		326
		8		15			7	
675	9.822 759		9.949 480		0.050 520	9.873 279		325
		9		16			7	
676	9.822 768		9.949 496		0.050 504	9.873 272		324
		8		15			7	
677	9.822 776		9.949 511		0.050 489	9.873 265		323
		9		15			6	
678	9.822 785		9.949 526		0.050 474	9.873 259		322
		8		15			7	
679	9.822 793		9.949 541		0.050 459	9.873 252		321
		9		16			7	
.680	9.822 802		9.949 557		0.050 443	9.873 245		**.320**
		8		15			7	
681	9.822 810		9.949 572		0.050 428	9.873 238		319
		9		15			6	
682	9.822 819		9.949 587		0.050 413	9.873 232		318
		8		15			7	
683	9.822 827		9.949 602		0.050 398	9.873 225		317
		9		16			7	
684	9.822 836		9.949 618		0.050 382	9.873 218		316
		8		15			7	
685	9.822 844		9.949 633		0.050 367	9.873 211		315
		9		15			6	
686	9.822 853		9.949 648		0.050 352	9.873 205		314
		8		15			7	
687	9.822 861		9.949 663		0.050 337	9.873 198		313
		9		16			7	
688	9.822 870		9.949 679		0.050 321	9.873 191		312
		8		15			7	
689	9.822 878		9.949 694		0.050 306	9.873 184		311
		9		15			6	
.690	9.822 887		9.949 709		0.050 291	9.873 178		**.310**
		8		16			7	
691	9.822 895		9.949 725		0.050 275	9.873 171		309
		9		15			7	
692	9.822 904		9.949 740		0.050 260	9.873 164		308
		8		15			7	
693	9.822 912		9.949 755		0.050 245	9.873 157		307
		9		15			6	
694	9.822 921		9.949 770		0.050 230	9.873 151		306
		9		16			7	
695	9.822 930		9.949 786		0.050 214	9.873 144		305
		8		15			7	
696	9.822 938		9.949 801		0.050 199	9.873 137		304
		9		15			7	
697	9.822 947		9.949 816		0.050 184	9.873 130		303
		8		15			6	
698	9.822 955		9.949 831		0.050 169	9.873 124		302
		9		16			7	
699	9.822 964		9.949 847		0.050 153	9.873 117		301
		8		15			7	
.700	9.822 972		9.949 862		0.050 138	9.873 110		**.300**
	cos	d	cotg	d	tang	sin	d	48°

P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.350 — 48°.300

$41^\circ.700$ — $41^\circ.750$

41°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.822 972		9.949 862		0.050 138	9.873 110		.300	
701	9.822 981	9	9.949 877	15	0.050 123	9.873 103	7	299	
702	9.822 989	8	9.949 892	15	0.050 108	9.873 097	6	298	
703	9.822 998	9	9.949 908	16	0.050 092	9.873 090	7	297	
704	9.823 006	8	9.949 923	15	0.050 077	9.873 083	7	296	
705	9.823 015	9	9.949 938	15	0.050 062	9.873 076	7	295	
706	9.823 023	8	9.949 953	15	0.050 047	9.873 070	6	294	
707	9.823 032	9	9.949 969	16	0.050 031	9.873 063	7	293	
708	9.823 040	8	9.949 984	15	0.050 016	9.873 056	7	292	
709	9.823 049	9	9.949 999	15	0.050 001	9.873 049	7	291	
.710	9.823 057	8	9.950 014	15	0.049 986	9.873 043	6	.290	
711	9.823 066	9	9.950 030	16	0.049 970	9.873 036	7	289	
712	9.823 074	8	9.950 045	15	0.049 955	9.873 029	7	288	
713	9.823 083	9	9.950 060	15	0.049 940	9.873 022	7	287	
714	9.823 091	8	9.950 076	16	0.049 924	9.873 016	6	286	
715	9.823 100	9	9.950 091	15	0.049 909	9.873 009	7	285	
716	9.823 108	8	9.950 106	15	0.049 894	9.873 002	7	284	
717	9.823 117	9	9.950 121	15	0.049 879	9.872 995	7	283	
718	9.823 125	8	9.950 137	16	0.049 863	9.872 989	6	282	
719	9.823 134	9	9.950 152	15	0.049 848	9.872 982	7	281	
.720	9.823 142	8	9.950 167	15	0.049 833	9.872 975	7	.280	
721	9.823 151	9	9.950 182	15	0.049 818	9.872 968	7	279	
722	9.823 159	8	9.950 198	16	0.049 802	9.872 962	6	278	
723	9.823 168	9	9.950 213	15	0.049 787	9.872 955	7	277	
724	9.823 176	8	9.950 228	15	0.049 772	9.872 948	7	276	
725	9.823 185	9	9.950 243	15	0.049 757	9.872 941	7	275	
726	9.823 193	8	9.950 259	16	0.049 741	9.872 935	6	274	
727	9.823 202	9	9.950 274	15	0.049 726	9.872 928	7	273	
728	9.823 210	8	9.950 289	15	0.049 711	9.872 921	7	272	
729	9.823 219	9	9.950 304	15	0.049 696	9.872 914	7	271	
.730	9.823 227	8	9.950 320	16	0.049 680	9.872 907	7	.270	
731	9.823 236	9	9.950 335	15	0.049 665	9.872 901	6	269	
732	9.823 244	8	9.950 350	15	0.049 650	9.872 894	7	268	
733	9.823 253	9	9.950 365	15	0.049 635	9.872 887	7	267	
734	9.823 261	8	9.950 381	16	0.049 619	9.872 880	7	266	
735	9.823 270	9	9.950 396	15	0.049 604	9.872 874	6	265	
736	9.823 278	8	9.950 411	15	0.049 589	9.872 867	7	264	
737	9.823 287	9	9.950 426	15	0.049 574	9.872 860	7	263	
738	9.823 295	8	9.950 442	16	0.049 558	9.872 853	7	262	
739	9.823 304	9	9.950 457	15	0.049 543	9.872 847	6	261	
.740	9.823 312	8	9.950 472	15	0.049 528	9.872 840	7	.260	
741	9.823 321	9	9.950 488	16	0.049 512	9.872 833	7	259	
742	9.823 329	8	9.950 503	15	0.049 497	9.872 826	7	258	
743	9.823 338	9	9.950 518	15	0.049 482	9.872 820	6	257	
744	9.823 346	8	9.950 533	15	0.049 467	9.872 813	7	256	
745	9.823 355	9	9.950 549	16	0.049 451	9.872 806	7	255	
746	9.823 363	8	9.950 564	15	0.049 436	9.872 799	7	254	
747	9.823 372	9	9.950 579	15	0.049 421	9.872 793	6	253	
748	9.823 380	8	9.950 594	15	0.049 406	9.872 786	7	252	
749	9.823 389	9	9.950 610	16	0.049 390	9.872 779	7	251	
.750	9.823 397	8	9.950 625	15	0.049 375	9.872 772	7	.250	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

$48^\circ.300$ — $48^\circ.250$

41°.750 — 41°.800

41°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.823 397		9.950 625		0.049 375	9.872 772		.250	
751	9.823 406	9	9.950 640	15	0.049 360	9.872 765	7	249	
752	9.823 414	8	9.950 655	15	0.049 345	9.872 759	6	248	
753	9.823 423	9	9.950 671	16	0.049 329	9.872 752	7	247	
754	9.823 431	8	9.950 686	15	0.049 314	9.872 745	7	246	
755	9.823 440	9	9.950 701	15	0.049 299	9.872 738	7	245	
756	9.823 448	8	9.950 716	15	0.049 284	9.872 732	6	244	
757	9.823 456	8	9.950 732	16	0.049 268	9.872 725	7	243	
758	9.823 465	9	9.950 747	15	0.049 253	9.872 718	7	242	
759	9.823 473	8	9.950 762	15	0.049 238	9.872 711	7	241	
.760	9.823 482	9	9.950 777	15	0.049 223	9.872 705	6	.240	
761	9.823 490	8	9.950 793	16	0.049 207	9.872 698	7	239	
762	9.823 499	9	9.950 808	15	0.049 192	9.872 691	7	238	
763	9.823 507	8	9.950 823	15	0.049 177	9.872 684	7	237	
764	9.823 516	9	9.950 838	15	0.049 162	9.872 677	7	236	
765	9.823 524	8	9.950 854	16	0.049 146	9.872 671	6	235	
766	9.823 533	9	9.950 869	15	0.049 131	9.872 664	7	234	
767	9.823 541	8	9.950 884	15	0.049 116	9.872 657	7	233	
768	9.823 550	9	9.950 899	15	0.049 101	9.872 650	7	232	
769	9.823 558	8	9.950 915	16	0.049 085	9.872 644	6	231	
.770	9.823 567	9	9.950 930	15	0.049 070	9.872 637	7	.230	
771	9.823 575	8	9.950 945	15	0.049 055	9.872 630	7	229	
772	9.823 584	9	9.950 960	15	0.049 040	9.872 623	7	228	
773	9.823 592	8	9.950 976	16	0.049 024	9.872 617	6	227	
774	9.823 601	9	9.950 991	15	0.049 009	9.872 610	7	226	
775	9.823 609	8	9.951 006	15	0.048 994	9.872 603	7	225	
776	9.823 618	9	9.951 022	16	0.048 978	9.872 596	7	224	
777	9.823 626	8	9.951 037	15	0.048 963	9.872 589	7	223	
778	9.823 635	9	9.951 052	15	0.048 948	9.872 583	6	222	
779	9.823 643	8	9.951 067	15	0.048 933	9.872 576	7	221	
.780	9.823 652	9	9.951 083	16	0.048 917	9.872 569	7	.220	
781	9.823 660	8	9.951 098	15	0.048 902	9.872 562	7	219	
782	9.823 669	9	9.951 113	15	0.048 887	9.872 556	6	218	
783	9.823 677	8	9.951 128	15	0.048 872	9.872 549	7	217	
784	9.823 686	9	9.951 144	16	0.048 856	9.872 542	7	216	
785	9.823 694	8	9.951 159	15	0.048 841	9.872 535	7	215	
786	9.823 703	9	9.951 174	15	0.048 826	9.872 529	6	214	
787	9.823 711	8	9.951 189	15	0.048 811	9.872 522	7	213	
788	9.823 720	9	9.951 205	16	0.048 795	9.872 515	7	212	
789	9.823 728	8	9.951 220	15	0.048 780	9.872 508	7	211	
.790	9.823 737	9	9.951 235	15	0.048 765	9.872 501	7	.210	
791	9.823 745	8	9.951 250	15	0.048 750	9.872 495	6	209	
792	9.823 753	8	9.951 266	16	0.048 734	9.872 488	7	208	
793	9.823 762	9	9.951 281	15	0.048 719	9.872 481	7	207	
794	9.823 770	8	9.951 296	15	0.048 704	9.872 474	7	206	
795	9.823 779	9	9.951 311	15	0.048 689	9.872 468	6	205	
796	9.823 787	8	9.951 327	16	0.048 673	9.872 461	7	204	
797	9.823 796	9	9.951 342	15	0.048 658	9.872 454	7	203	
798	9.823 804	8	9.951 357	15	0.048 643	9.872 447	7	202	
799	9.823 813	9	9.951 372	15	0.048 628	9.872 440	7	201	
.800	9.823 821	8	9.951 388	16	0.048 612	9.872 434	6	.200	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.250 — 48°.200

41°.800 — 41°.850

41°	sin	d	tang	d	cotg	cos	d		P.P.		
.800	9.823 821		9.951 388		0.048 612	9.872 434		**.200**			
		9		15			7				
801	9.823 830		9.951 403		0.048 597	9.872 427		199			
		8		15			7				
802	9.823 838		9.951 418		0.048 582	9.872 420		198			
		9		15			7				
803	9.823 847		9.951 433		0.048 567	9.872 413		197			
		8		16			6				
804	9.823 855		9.951 449		0.048 551	9.872 407		196			
		9		15			7				
805	9.823 864		9.951 464		0.048 536	9.872 400		195			
		8		15			7				
806	9.823 872		9.951 479		0.048 521	9.872 393		194			
		9		15			7				
807	9.823 881		9.951 494		0.048 506	9.872 386		193			
		8		16			7				
808	9.823 889		9.951 510		0.048 490	9.872 379		192			
		9		15			6				
809	9.823 898		9.951 525		0.048 475	9.872 373		191			
		8		15			7				
.810	9.823 906		9.951 540		0.048 460	9.872 366		**.190**			
		9		15			7				
811	9.823 915		9.951 555		0.048 445	9.872 359		189			
		8		16			7				
812	9.823 923		9.951 571		0.048 429	9.872 352		188			
		8		15			6				
813	9.823 931		9.951 586		0.048 414	9.872 346		187			
		9		15			7				
814	9.823 940		9.951 601		0.048 399	9.872 339		186			
		8		15			7				
815	9.823 948		9.951 616		0.048 384	9.872 332		185			
		9		16			7				
816	9.823 957		9.951 632		0.048 368	9.872 325		184			
		8		15			7				
817	9.823 965		9.951 647		0.048 353	9.872 318		183			
		9		15			6				
818	9.823 974		9.951 662		0.048 338	9.872 312		182			
		8		15			7				
819	9.823 982		9.951 677		0.048 323	9.872 305		181			
		9		16			7				
.820	9.823 991		9.951 693		0.048 307	9.872 298		**.180**			
		8		15			7				
821	9.823 999		9.951 708		0.048 292	9.872 291		179			
		9		15			6				
822	9.824 008		9.951 723		0.048 277	9.872 285		178			
		8		15			7				
823	9.824 016		9.951 738		0.048 262	9.872 278		177			
		9		16			7				
824	9.824 025		9.951 754		0.048 246	9.872 271		176			
		8		15			7				
825	9.824 033		9.951 769		0.048 231	9.872 264		175			
		9		15			7				
826	9.824 042		9.951 784		0.048 216	9.872 257		174			
		8		16			6				
827	9.824 050		9.951 800		0.048 200	9.872 251		173			
		9		15			7				
828	9.824 059		9.951 815		0.048 185	9.872 244		172			
		8		15			7				
829	9.824 067		9.951 830		0.048 170	9.872 237		171			
		9		15			7				
.830	9.824 076		9.951 845		0.048 155	9.872 230		**.170**			
		8		16			7				
831	9.824 084		9.951 861		0.048 139	9.872 223		169			
		8		15			6				
832	9.824 092		9.951 876		0.048 124	9.872 217		168			
		9		15			7				
833	9.824 101		9.951 891		0.048 109	9.872 210		167			
		8		15			7				
834	9.824 109		9.951 906		0.048 094	9.872 203		166			
		9		16			7				
835	9.824 118		9.951 922		0.048 078	9.872 196		165			
		8		15			6				
836	9.824 126		9.951 937		0.048 063	9.872 190		164			
		9		15			7				
837	9.824 135		9.951 952		0.048 048	9.872 183		163			
		8		15			7				
838	9.824 143		9.951 967		0.048 033	9.872 176		162			
		9		16			7				
839	9.824 152		9.951 983		0.048 017	9.872 169		161			
		8		15			7				
.840	9.824 160		9.951 998		0.048 002	9.872 162		**.160**			
		9		15			6				
841	9.824 169		9.952 013		0.047 987	9.872 156		159			
		8		15			7				
842	9.824 177		9.952 028		0.047 972	9.872 149		158			
		9		16			7				
843	9.824 186		9.952 044		0.047 956	9.872 142		157			
		8		15			7				
844	9.824 194		9.952 059		0.047 941	9.872 135		156			
		9		15			7				
845	9.824 203		9.952 074		0.047 926	9.872 128		155			
		8		15			6				
846	9.824 211		9.952 089		0.047 911	9.872 122		154			
		8		16			7				
847	9.824 219		9.952 105		0.047 895	9.872 115		153			
		9		15			7				
848	9.824 228		9.952 120		0.047 880	9.872 108		152			
		8		15			7				
849	9.824 236		9.952 135		0.047 865	9.872 101		151			
		9		15			6				
.850	9.824 245		9.952 150		0.047 850	9.872 095		**.150**			
	cos	d	cotg	d	tang	sin	d	48°	P.P.		

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.200 — 48°.150

41°.850 — 41°.900

41°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.824 245		9.952 150		0.047 850	9.872 095		.150	
		8		16			7		
851	9.824 253		9.952 166		0.047 834	9.872 088		149	
852	9.824 262	9	9.952 181	15	0.047 819	9.872 081	7	148	
853	9.824 270	8	9.952 196	15	0.047 804	9.872 074	7	147	
		9		15			7		
854	9.824 279	8	9.952 211	16	0.047 789	9.872 067	6	146	
855	9.824 287		9.952 227		0.047 773	9.872 061		145	
856	9.824 296	9	9.952 242	15	0.047 758	9.872 054	7	144	
		8		15			7		
857	9.824 304		9.952 257		0.047 743	9.872 047		143	
858	9.824 313	9	9.952 272	15	0.047 728	9.872 040	7	142	
859	9.824 321	8	9.952 288	16	0.047 712	9.872 033	7	141	
		8		15			6		
.860	9.824 329		9.952 303		0.047 697	9.872 027		.140	
		9		15			7		
861	9.824 338	8	9.952 318		0.047 682	9.872 020		139	
862	9.824 346		9.952 333	15	0.047 667	9.872 013	7	138	
863	9.824 355	9	9.952 349	16	0.047 651	9.872 006	7	137	
		8		15			7		
864	9.824 363		9.952 364		0.047 636	9.871 999	6	136	
865	9.824 372	9	9.952 379	15	0.047 621	9.871 993		135	
866	9.824 380	8	9.952 394	15	0.047 606	9.871 986	7	134	
		9		16			7		
867	9.824 389		9.952 410		0.047 590	9.871 979		133	
868	9.824 397	8	9.952 425	15	0.047 575	9.871 972	7	132	
869	9.824 406	9	9.952 440	15	0.047 560	9.871 965	7	131	
		8		15			6		
.870	9.824 414		9.952 455		0.047 545	9.871 959		.130	
		8		16			7		
871	9.824 422		9.952 471		0.047 529	9.871 952		129	
872	9.824 431	9	9.952 486	15	0.047 514	9.871 945	7	128	
873	9.824 439	8	9.952 501	15	0.047 499	9.871 938	7	127	
		9		15			6		
874	9.824 448	8	9.952 516	16	0.047 484	9.871 932		126	
875	9.824 456		9.952 532		0.047 468	9.871 925	7	125	
876	9.824 465	9	9.952 547	15	0.047 453	9.871 918	7	124	
		8		15			7		
877	9.824 473		9.952 562		0.047 438	9.871 911		123	
878	9.824 482	9	9.952 577	15	0.047 423	9.871 904	7	122	
879	9.824 490	8	9.952 593	16	0.047 407	9.871 898	6	121	
		9		15			7		
.880	9.824 499		9.952 608		0.047 392	9.871 891		.120	
		8		15			7		
881	9.824 507		9.952 623		0.047 377	9.871 884		119	
882	9.824 515	8	9.952 638	15	0.047 362	9.871 877	7	118	
883	9.824 524	9	9.952 654	16	0.047 346	9.871 870	7	117	
		8		15			6		
884	9.824 532		9.952 669		0.047 331	9.871 864		116	
885	9.824 541	9	9.952 684	15	0.047 316	9.871 857	7	115	
886	9.824 549	8	9.952 699	15	0.047 301	9.871 850	7	114	
		9		16			7		
887	9.824 558		9.952 715		0.047 285	9.871 843		113	
888	9.824 566	8	9.952 730	15	0.047 270	9.871 836	7	112	
889	9.824 575	9	9.952 745	15	0.047 255	9.871 830	6	111	
		8		15			7		
.890	9.824 583		9.952 760		0.047 240	9.871 823		.110	
		9		16			7		
891	9.824 592		9.952 776		0.047 224	9.871 816		109	
892	9.824 600	8	9.952 791	15	0.047 209	9.871 809	7	108	
893	9.824 608	8	9.952 806	15	0.047 194	9.871 802	7	107	
		9		15			6		
894	9.824 617		9.952 821		0.047 179	9.871 796		106	
895	9.824 625	8	9.952 837	16	0.047 163	9.871 789	7	105	
896	9.824 634	9	9.952 852	15	0.047 148	9.871 782	7	104	
		8		15			7		
897	9.824 642		9.952 867		0.047 133	9.871 775		103	
898	9.824 651	9	9.952 882	15	0.047 118	9.871 768	7	102	
899	9.824 659	8	9.952 898	16	0.047 102	9.871 762	6	101	
		9		15			7		
.900	9.824 668		9.952 913		0.047 087	9.871 755		.100	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.150 — 48°.100

41°.900 — 41°.950

41°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.824 668		9.952 913		0.047 087	9.871 755		.100	
		8		15			7		
901	9.824 676		9.952 928		0.047 072	9.871 748		099	
902	9.824 684	8	9.952 943	15	0.047 057	9.871 741	7	098	
903	9.824 693	9	9.952 959	16	0.047 041	9.871 734	7	097	
		8		15			6		
904	9.824 701		9.952 974		0.047 026	9.871 728		096	
905	9.824 710	9	9.952 989	15	0.047 011	9.871 721	7	095	
906	9.824 718	8	9.953 004	15	0.046 996	9.871 714	7	094	
		9		16			7		
907	9.824 727		9.953 020		0.046 980	9.871 707		093	
908	9.824 735	8	9.953 035	15	0.046 965	9.871 700	7	092	
909	9.824 744	9	9.953 050	15	0.046 950	9.871 694	6	091	
		8		15			7		
.910	9.824 752		9.953 065		0.046 935	9.871 687		.090	
		8		16			7		
911	9.824 760		9.953 081		0.046 919	9.871 680		089	
912	9.824 769	9	9.953 096	15	0.046 904	9.871 673	7	088	
913	9.824 777	8	9.953 111	15	0.046 889	9.871 666	7	087	
		9		15			6		
914	9.824 786		9.953 126		0.046 874	9.871 660		086	
915	9.824 794	8	9.953 142	16	0.046 858	9.871 653	7	085	
916	9.824 803	9	9.953 157	15	0.046 843	9.871 646	7	084	
		8		15			7		
917	9.824 811		9.953 172		0.046 828	9.871 639		083	
918	9.824 820	9	9.953 187	15	0.046 813	9.871 632	7	082	
919	9.824 828	8	9.953 203	16	0.046 797	9.871 625	7	081	
		8		15			6		
.920	9.824 836		9.953 218		0.046 782	9.871 619		.080	
		9		15			7		
921	9.824 845		9.953 233		0.046 767	9.871 612		079	
922	9.824 853	8	9.953 248	15	0.046 752	9.871 605	7	078	
923	9.824 862	9	9.953 264	16	0.046 736	9.871 598	7	077	
		8		15			7		
924	9.824 870		9.953 279		0.046 721	9.871 591		076	
925	9.824 879	9	9.953 294	15	0.046 706	9.871 585	6	075	
926	9.824 887	8	9.953 309	15	0.046 691	9.871 578	7	074	
		9		16			7		
927	9.824 896		9.953 325		0.046 675	9.871 571		073	
928	9.824 904	8	9.953 340	15	0.046 660	9.871 564	7	072	
929	9.824 912	8	9.953 355	15	0.046 645	9.871 557	7	071	
		9		15			6		
.930	9.824 921		9.953 370		0.046 630	9.871 551		.070	
		8		16			7		
931	9.824 929		9.953 386		0.046 614	9.871 544		069	
932	9.824 938	9	9.953 401	15	0.046 599	9.871 537	7	068	
933	9.824 946	8	9.953 416	15	0.046 584	9.871 530	7	067	
		9		15			7		
934	9.824 955		9.953 431		0.046 569	9.871 523		066	
935	9.824 963	8	9.953 447	16	0.046 553	9.871 517	6	065	
936	9.824 972	9	9.953 462	15	0.046 538	9.871 510	7	064	
		8		15			7		
937	9.824 980		9.953 477		0.046 523	9.871 503		063	
938	9.824 988	8	9.953 492	15	0.046 508	9.871 496	7	062	
939	9.824 997	9	9.953 507	15	0.046 493	9.871 489	7	061	
		8		16			6		
.940	9.825 005		9.953 523		0.046 477	9.871 483		.060	
		9		15			7		
941	9.825 014		9.953 538		0.046 462	9.871 476		059	
942	9.825 022	8	9.953 553	15	0.046 447	9.871 469	7	058	
943	9.825 031	9	9.953 568	15	0.046 432	9.871 462	7	057	
		8		16			7		
944	9.825 039		9.953 584		0.046 416	9.871 455		056	
945	9.825 047	8	9.953 599	15	0.046 401	9.871 448	7	055	
946	9.825 056	9	9.953 614	15	0.046 386	9.871 442	6	054	
		8		15			7		
947	9.825 064		9.953 629		0.046 371	9.871 435		053	
948	9.825 073	9	9.953 645	16	0.046 355	9.871 428	7	052	
949	9.825 081	8	9.953 660	15	0.046 340	9.871 421	7	051	
		9		15			7		
.950	9.825 090		9.953 675		0.046 325	9.871 414		.050	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.100 — 48°.050

41°.950 — 42°.000

41°	sin	d	tang	d	cotg	cos	d		P.P.		
.950	9.825 090		9.953 675		0.046 325	9.871 414		**.050**			
		8		15			6				
951	9.825 098		9.953 690		0.046 310	9.871 408		049			
		8		16			7				
952	9.825 106		9.953 706		0.046 294	9.871 401		048			
		9		15			7				
953	9.825 115		9.953 721		0.046 279	9.871 394		047			
		8		15			7				
954	9.825 123		9.953 736		0.046 264	9.871 387		046			
		9		15			7				
955	9.825 132		9.953 751		0.046 249	9.871 380		045			
		8		16			6				
956	9.825 140		9.953 767		0.046 233	9.871 374		044			
		9		15			7				
957	9.825 149		9.953 782		0.046 218	9.871 367		043			
		8		15			7				
958	9.825 157		9.953 797		0.046 203	9.871 360		042			
		8		15			7				
959	9.825 165		9.953 812		0.046 188	9.871 353		041			
		9		16			7				
.960	9.825 174		9.953 828		0.046 172	9.871 346		**.040**			
		8		15			7				
961	9.825 182		9.953 843		0.046 157	9.871 339		039			
		9		15			6				
962	9.825 191		9.953 858		0.046 142	9.871 333		038			
		8		15			7				
963	9.825 199		9.953 873		0.046 127	9.871 326		037			
		9		16			7				
964	9.825 208		9.953 889		0.046 111	9.871 319		036			
		8		15			7				
965	9.825 216		9.953 904		0.046 096	9.871 312		035			
		9		15			7				
966	9.825 225		9.953 919		0.046 081	9.871 305		034			
		8		15			6				
967	9.825 233		9.953 934		0.046 066	9.871 299		033			
		8		16			7				
968	9.825 241		9.953 950		0.046 050	9.871 292		032			
		9		15			7				
969	9.825 250		9.953 965		0.046 035	9.871 285		031			
		8		15			7				
.970	9.825 258		9.953 980		0.046 020	9.871 278		**.030**			
		9		15			7				
971	9.825 267		9.953 995		0.046 005	9.871 271		029		9	8
		8		16			7				
972	9.825 275		9.954 011		0.045 989	9.871 264		028	1	0.9	0.8
		8		15			6		2	1.8	1.6
973	9.825 283		9.954 026		0.045 974	9.871 258		027	3	2.7	2.4
		9		15			7		4	3.6	3.2
974	9.825 292		9.954 041		0.045 959	9.871 251		026	5	4.5	4.0
		8		15			7		6	5.4	4.8
975	9.825 300		9.954 056		0.045 944	9.871 244		025	7	6.3	5.6
		9		16			7		8	7.2	6.4
976	9.825 309		9.954 072		0.045 928	9.871 237		024	9	8.1	7.2
		8		15			7				
977	9.825 317		9.954 087		0.045 913	9.871 230		023			
		9		15			6				
978	9.825 326		9.954 102		0.045 898	9.871 224		022			
		8		15			7				
979	9.825 334		9.954 117		0.045 883	9.871 217		021			
		8		16			7				
.980	9.825 342		9.954 133		0.045 867	9.871 210		**.020**			
		9		15			7				
981	9.825 351		9.954 148		0.045 852	9.871 203		019			
		8		15			7				
982	9.825 359		9.954 163		0.045 837	9.871 196		018			
		9		15			7				
983	9.825 368		9.954 178		0.045 822	9.871 189		017			
		8		16			6				
984	9.825 376		9.954 194		0.045 806	9.871 183		016			
		9		15			7				
985	9.825 385		9.954 209		0.045 791	9.871 176		015			
		8		15			7				
986	9.825 393		9.954 224		0.045 776	9.871 169		014		7	6
		8		15			7				
987	9.825 401		9.954 239		0.045 761	9.871 162		013	1	0.7	0.6
		9		16			7		2	1.4	1.2
988	9.825 410		9.954 255		0.045 745	9.871 155		012	3	2.1	1.8
		8		15			6		4	2.8	2.4
989	9.825 418		9.954 270		0.045 730	9.871 149		011	5	3.5	3.0
		9		15			7		6	4.2	3.6
.990	9.825 427		9.954 285		0.045 715	9.871 142		**.010**	7	4.9	4.2
		8		15			7		8	5.6	4.8
991	9.825 435		9.954 300		0.045 700	9.871 135		009	9	6.3	5.4
		9		15			7				
992	9.825 444		9.954 315		0.045 685	9.871 128		008			
		8		16			7				
993	9.825 452		9.954 331		0.045 669	9.871 121		007			
		8		15			7				
994	9.825 460		9.954 346		0.045 654	9.871 114		006			
		9		15			6				
995	9.825 469		9.954 361		0.045 639	9.871 108		005			
		8		15			7				
996	9.825 477		9.954 376		0.045 624	9.871 101		004			
		9		16			7				
997	9.825 486		9.954 392		0.045 608	9.871 094		003			
		8		15			7				
998	9.825 494		9.954 407		0.045 593	9.871 087		002			
		8		15			7				
999	9.825 502		9.954 422		0.045 578	9.871 080		001			
		9		15			7				
***000**	9.825 511		9.954 437		0.045 563	9.871 073		**.000**			
	cos	d	cotg	d	tang	sin	d	**48°**	P.P.		

48°.050 — 48°.000

42°.000 — 42°.050

42°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.825 511		9.954 437		0.045 563	9.871 073		*000	
		8		16			6		
001	9.825 519		9.954 453		0.045 547	9.871 067		999	
002	9.825 528	9	9.954 468	15	0.045 532	9.871 060	7	998	
003	9.825 536	8	9.954 483	15	0.045 517	9.871 053	7	997	
		9		15			7		
004	9.825 545	8	9.954 498	16	0.045 502	9.871 046		996	
005	9.825 553	8	9.954 514		0.045 486	9.871 039	7	995	
006	9.825 561		9.954 529	15	0.045 471	9.871 033	6	994	
		9		15			7		
007	9.825 570	8	9.954 544	15	0.045 456	9.871 026		993	
008	9.825 578		9.954 559	16	0.045 441	9.871 019	7	992	
009	9.825 587	9	9.954 575		0.045 425	9.871 012	7	991	
		8		15			7		
.010	9.825 595		9.954 590		0.045 410	9.871 005		.990	
		8		15			7		
011	9.825 603		9.954 605		0.045 395	9.870 998		989	
012	9.825 612	9	9.954 620	15	0.045 380	9.870 992	6	988	
013	9.825 620	8	9.954 636	16	0.045 364	9.870 985	7	987	
		9		15			7		
014	9.825 629	8	9.954 651		0.045 349	9.870 978		986	
015	9.825 637		9.954 666	15	0.045 334	9.870 971	7	985	
016	9.825 646	9	9.954 681	15	0.045 319	9.870 964	7	984	
		8		16			7		
017	9.825 654	8	9.954 697		0.045 303	9.870 957		983	
018	9.825 662		9.954 712	15	0.045 288	9.870 951	6	982	
019	9.825 671	9	9.954 727	15	0.045 273	9.870 944	7	981	
		8		15			7		
.020	9.825 679		9.954 742		0.045 258	9.870 937		.980	
		9		16			7		
021	9.825 688	8	9.954 758		0.045 242	9.870 930		979	
022	9.825 696		9.954 773	15	0.045 227	9.870 923	7	978	
023	9.825 704	8	9.954 788	15	0.045 212	9.870 916	7	977	
		9		15			6		
024	9.825 713	8	9.954 803	16	0.045 197	9.870 910		976	
025	9.825 721		9.954 819	15	0.045 181	9.870 903	7	975	
026	9.825 730	9	9.954 834	15	0.045 166	9.870 896	7	974	
		8		15			7		
027	9.825 738	8	9.954 849		0.045 151	9.870 889		973	
028	9.825 746		9.954 864	15	0.045 136	9.870 882	7	972	
029	9.825 755	9	9.954 879	15	0.045 121	9.870 875	7	971	
		8		16			6		
.030	9.825 763		9.954 895		0.045 105	9.870 869		.970	
		9		15			7		
031	9.825 772	8	9.954 910		0.045 090	9.870 862		969	
032	9.825 780		9.954 925	15	0.045 075	9.870 855	7	968	
033	9.825 789	9	9.954 940	15	0.045 060	9.870 848	7	967	
		8		16			7		
034	9.825 797	8	9.954 956		0.045 044	9.870 841		966	
035	9.825 805		9.954 971	15	0.045 029	9.870 834	7	965	
036	9.825 814	9	9.954 986	15	0.045 014	9.870 828	6	964	
		8		15			7		
037	9.825 822		9.955 001		0.044 999	9.870 821		963	
038	9.825 831	9	9.955 017	16	0.044 983	9.870 814	7	962	
039	9.825 839	8	9.955 032	15	0.044 968	9.870 807	7	961	
		8		15			7		
.040	9.825 847		9.955 047		0.044 953	9.870 800		.960	
		9		15			7		
041	9.825 856	8	9.955 062		0.044 938	9.870 793		959	
042	9.825 864		9.955 078	16	0.044 922	9.870 787	6	958	
043	9.825 873	9	9.955 093	15	0.044 907	9.870 780	7	957	
		8		15			7		
044	9.825 881	8	9.955 108		0.044 892	9.870 773		956	
045	9.825 889		9.955 123	15	0.044 877	9.870 766	7	955	
046	9.825 898	9	9.955 139	16	0.044 861	9.870 759	7	954	
		8		15			7		
047	9.825 906		9.955 154		0.044 846	9.870 752		953	
048	9.825 915	9	9.955 169	15	0.044 831	9.870 746	6	952	
049	9.825 923	8	9.955 184	15	0.044 816	9.870 739	7	951	
		8		16			7		
.050	9.825 931		9.955 200		0.044 800	9.870 732		.950	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.000 — 47°.950

42°.050 — 42°.100

42°	sin	d	tang	d	cotg	cos	d	
.050	9.825 931		9.955 200		0.044 800	9.870 732		.950
		9		15			7	
051	9.825 940		9.955 215		0.044 785	9.870 725		949
		8		15			7	
052	9.825 948		9.955 230		0.044 770	9.870 718		948
		9		15			7	
053	9.825 957		9.955 245		0.044 755	9.870 711		947
		8		15			6	
054	9.825 965		9.955 260		0.044 740	9.870 705		946
		8		16			7	
055	9.825 973		9.955 276		0.044 724	9.870 698		945
		9		15			7	
056	9.825 982		9.955 291		0.044 709	9.870 691		944
		8		15			7	
057	9.825 990		9.955 306		0.044 694	9.870 684		943
		9		15			7	
058	9.825 999		9.955 321		0.044 679	9.870 677		942
		8		16			7	
059	9.826 007		9.955 337		0.044 663	9.870 670		941
		8		15			6	
.060	9.826 015		9.955 352		0.044 648	9.870 664		.940
		9		15			7	
061	9.826 024		9.955 367		0.044 633	9.870 657		939
		8		15			7	
062	9.826 032		9.955 382		0.044 618	9.870 650		938
		9		16			7	
063	9.826 041		9.955 398		0.044 602	9.870 643		937
		8		15			7	
064	9.826 049		9.955 413		0.044 587	9.870 636		936
		8		15			7	
065	9.826 057		9.955 428		0.044 572	9.870 629		935
		9		15			7	
066	9.826 066		9.955 443		0.044 557	9.870 622		934
		8		16			6	
067	9.826 074		9.955 459		0.044 541	9.870 616		933
		9		15			7	
068	9.826 083		9.955 474		0.044 526	9.870 609		932
		8		15			7	
069	9.826 091		9.955 489		0.044 511	9.870 602		931
		8		15			7	
.070	9.826 099		9.955 504		0.044 496	9.870 595		.930
		9		16			7	
071	9.826 108		9.955 520		0.044 480	9.870 588		929
		8		15			7	
072	9.826 116		9.955 535		0.044 465	9.870 581		928
		9		15			6	
073	9.826 125		9.955 550		0.044 450	9.870 575		927
		8		15			7	
074	9.826 133		9.955 565		0.044 435	9.870 568		926
		8		16			7	
075	9.826 141		9.955 581		0.044 419	9.870 561		925
		9		15			7	
076	9.826 150		9.955 596		0.044 404	9.870 554		924
		8		15			7	
077	9.826 158		9.955 611		0.044 389	9.870 547		923
		9		15			7	
078	9.826 167		9.955 626		0.044 374	9.870 540		922
		8		15			6	
079	9.826 175		9.955 641		0.044 359	9.870 534		921
		8		16			7	
.080	9.826 183		9.955 657		0.044 343	9.870 527		.920
		9		15			7	
081	9.826 192		9.955 672		0.044 328	9.870 520		919
		8		15			7	
082	9.826 200		9.955 687		0.044 313	9.870 513		918
		9		15			7	
083	9.826 209		9.955 702		0.044 298	9.870 506		917
		8		16			7	
084	9.826 217		9.955 718		0.044 282	9.870 499		916
		8		15			7	
085	9.826 225		9.955 733		0.044 267	9.870 492		915
		9		15			6	
086	9.826 234		9.955 748		0.044 252	9.870 486		914
		8		15			7	
087	9.826 242		9.955 763		0.044 237	9.870 479		913
		9		16			7	
088	9.826 251		9.955 779		0.044 221	9.870 472		912
		8		15			7	
089	9.826 259		9.955 794		0.044 206	9.870 465		911
		8		15			7	
.090	9.826 267		9.955 809		0.044 191	9.870 458		.910
		9		15			7	
091	9.826 276		9.955 824		0.044 176	9.870 451		909
		8		16			6	
092	9.826 284		9.955 840		0.044 160	9.870 445		908
		9		15			7	
093	9.826 293		9.955 855		0.044 145	9.870 438		907
		8		15			7	
094	9.826 301		9.955 870		0.044 130	9.870 431		906
		8		15			7	
095	9.826 309		9.955 885		0.044 115	9.870 424		905
		9		16			7	
096	9.826 318		9.955 901		0.044 099	9.870 417		904
		8		15			7	
097	9.826 326		9.955 916		0.044 084	9.870 410		903
		8		15			7	
098	9.826 334		9.955 931		0.044 069	9.870 403		902
		9		15			6	
099	9.826 343		9.955 946		0.044 054	9.870 397		901
		8		15			7	
.100	9.826 351		9.955 961		0.044 039	9.870 390		.900
	cos	d	cotg	d	tang	sin	d	47°

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

P.P.

P.P.

47°.950 — 47°.900

42°.100 — 42°.150

42°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.826 351		9.955 961		0.044 039	9.870 390		.900	
		9		16			7		
101	9.826 360		9.955 977		0.044 023	9.870 383		899	
102	9.826 368	8	9.955 992	15	0.044 008	9.870 376	7	898	
103	9.826 376	8	9.956 007	15	0.043 993	9.870 369	7	897	
		9		15			7		
104	9.826 385		9.956 022		0.043 978	9.870 362		896	
105	9.826 393	8	9.956 038	16	0.043 962	9.870 356	6	895	
106	9.826 402	9	9.956 053	15	0.043 947	9.870 349	7	894	
		8		15			7		
107	9.826 410		9.956 068		0.043 932	9.870 342		893	
108	9.826 418	8	9.956 083	15	0.043 917	9.870 335	7	892	
109	9.826 427	9	9.956 099	16	0.043 901	9.870 328	7	891	
		8		15			7		
.110	9.826 435		9.956 114		0.043 886	9.870 321		.890	
		9		15			7		
111	9.826 444		9.956 129		0.043 871	9.870 314		889	
112	9.826 452	8	9.956 144	15	0.043 856	9.870 308	6	888	
113	9.826 460	8	9.956 160	16	0.043 840	9.870 301	7	887	
		9		15			7		
114	9.826 469		9.956 175		0.043 825	9.870 294		886	
115	9.826 477	8	9.956 190	15	0.043 810	9.870 287	7	885	
116	9.826 485	8	9.956 205	15	0.043 795	9.870 280	7	884	
		9		16			7		
117	9.826 494		9.956 221		0.043 779	9.870 273		883	
118	9.826 502	8	9.956 236	15	0.043 764	9.870 266	7	882	
119	9.826 511	9	9.956 251	15	0.043 749	9.870 260	6	881	
		8		15			7		
.120	9.826 519		9.956 266		0.043 734	9.870 253		.880	
		8		15			7		
121	9.826 527		9.956 281		0.043 719	9.870 246		879	
122	9.826 536	9	9.956 297	16	0.043 703	9.870 239	7	878	
123	9.826 544	8	9.956 312	15	0.043 688	9.870 232	7	877	
		8		15			7		
124	9.826 552		9.956 327		0.043 673	9.870 225		876	
125	9.826 561	9	9.956 342	15	0.043 658	9.870 218	7	875	
126	9.826 569	8	9.956 358	16	0.043 642	9.870 212	6	874	
		9		15			7		
127	9.826 578		9.956 373		0.043 627	9.870 205		873	
128	9.826 586	8	9.956 388	15	0.043 612	9.870 198	7	872	
129	9.826 594	8	9.956 403	15	0.043 597	9.870 191	7	871	
		9		16			7		
.130	9.826 603		9.956 419		0.043 581	9.870 184		.870	
		8		15			7		
131	9.826 611		9.956 434		0.043 566	9.870 177		869	
132	9.826 620	9	9.956 449	15	0.043 551	9.870 170	7	868	
133	9.826 628	8	9.956 464	15	0.043 536	9.870 164	6	867	
		8		16			7		
134	9.826 636		9.956 480		0.043 520	9.870 157		866	
135	9.826 645	9	9.956 495	15	0.043 505	9.870 150	7	865	
136	9.826 653	8	9.956 510	15	0.043 490	9.870 143	7	864	
		8		15			7		
137	9.826 661		9.956 525		0.043 475	9.870 136		863	
138	9.826 670	9	9.956 540	15	0.043 460	9.870 129	7	862	
139	9.826 678	8	9.956 556	16	0.043 444	9.870 122	7	861	
		9		15			6		
.140	9.826 687		9.956 571		0.043 429	9.870 116		.860	
		8		15			7		
141	9.826 695		9.956 586		0.043 414	9.870 109		859	
142	9.826 703	8	9.956 601	15	0.043 399	9.870 102	7	858	
143	9.826 712	9	9.956 617	16	0.043 383	9.870 095	7	857	
		8		15			7		
144	9.826 720		9.956 632		0.043 368	9.870 088		856	
145	9.826 728	8	9.956 647	15	0.043 353	9.870 081	7	855	
146	9.826 737	9	9.956 662	15	0.043 338	9.870 074	7	854	
		8		16			6		
147	9.826 745		9.956 678		0.043 322	9.870 068		853	
148	9.826 754	9	9.956 693	15	0.043 307	9.870 061	7	852	
149	9.826 762	8	9.956 708	15	0.043 292	9.870 054	7	851	
		8		15			7		
.150	9.826 770		9.956 723		0.043 277	9.870 047		.850	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.900 — 47°.850

42°.150 — 42°.200

42°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.826 770		9.956 723		0.043 277	9.870 047		**.850**	
		9		16			7		
151	9.826 779		9.956 739		0.043 261	9.870 040		849	
		8		15			7		
152	9.826 787		9.956 754		0.043 246	9.870 033		848	
		8		15			7		
153	9.826 795		9.956 769		0.043 231	9.870 026		847	
		9		15			6		
154	9.826 804		9.956 784		0.043 216	9.870 020		846	
		8		15			7		
155	9.826 812		9.956 799		0.043 201	9.870 013		845	
		9		16			7		
156	9.826 821		9.956 815		0.043 185	9.870 006		844	
		8		15			7		
157	9.826 829		9.956 830		0.043 170	9.869 999		843	
		8		15			7		
158	9.826 837		9.956 845		0.043 155	9.869 992		842	
		9		15			7		
159	9.826 846		9.956 860		0.043 140	9.869 985		841	
		8		16			7		
.160	9.826 854		9.956 876		0.043 124	9.869 978		**.840**	
		8		15			6		
161	9.826 862		9.956 891		0.043 109	9.869 972		839	
		9		15			7		
162	9.826 871		9.956 906		0.043 094	9.869 965		838	
		8		15			7		
163	9.826 879		9.956 921		0.043 079	9.869 958		837	
		9		16			7		
164	9.826 888		9.956 937		0.043 063	9.869 951		836	
		8		15			7		
165	9.826 896		9.956 952		0.043 048	9.869 944		835	
		8		15			7		
166	9.826 904		9.956 967		0.043 033	9.869 937		834	
		9		15			7		
167	9.826 913		9.956 982		0.043 018	9.869 930		833	
		8		16			7		
168	9.826 921		9.956 998		0.043 002	9.869 923		832	
		8		15			6		
169	9.826 929		9.957 013		0.042 987	9.869 917		831	
		9		15			7		
.170	9.826 938		9.957 028		0.042 972	9.869 910		**.830**	
		8		15			7		
171	9.826 946		9.957 043		0.042 957	9.869 903		829	
		8		15			7		
172	9.826 954		9.957 058		0.042 942	9.869 896		828	
		9		16			7		
173	9.826 963		9.957 074		0.042 926	9.869 889		827	
		8		15			7		
174	9.826 971		9.957 089		0.042 911	9.869 882		826	
		9		15			7		
175	9.826 980		9.957 104		0.042 896	9.869 875		825	
		8		15			6		
176	9.826 988		9.957 119		0.042 881	9.869 869		824	
		8		16			7		
177	9.826 996		9.957 135		0.042 865	9.869 862		823	
		9		15			7		
178	9.827 005		9.957 150		0.042 850	9.869 855		822	
		8		15			7		
179	9.827 013		9.957 165		0.042 835	9.869 848		821	
		8		15			7		
.180	9.827 021		9.957 180		0.042 820	9.869 841		**.820**	
		9		16			7		
181	9.827 030		9.957 196		0.042 804	9.869 834		819	
		8		15			7		
182	9.827 038		9.957 211		0.042 789	9.869 827		818	
		9		15			7		
183	9.827 047		9.957 226		0.042 774	9.869 820		817	
		8		15			6		
184	9.827 055		9.957 241		0.042 759	9.869 814		816	
		8		15			7		
185	9.827 063		9.957 256		0.042 744	9.869 807		815	
		9		16			7		
186	9.827 072		9.957 272		0.042 728	9.869 800		814	
		8		15			7		
187	9.827 080		9.957 287		0.042 713	9.869 793		813	
		8		15			7		
188	9.827 088		9.957 302		0.042 698	9.869 786		812	
		9		15			7		
189	9.827 097		9.957 317		0.042 683	9.869 779		811	
		8		16			7		
.190	9.827 105		9.957 333		0.042 667	9.869 772		**.810**	
		8		15			6		
191	9.827 113		9.957 348		0.042 652	9.869 766		809	
		9		15			7		
192	9.827 122		9.957 363		0.042 637	9.869 759		808	
		8		15			7		
193	9.827 130		9.957 378		0.042 622	9.869 752		807	
		8		16			7		
194	9.827 138		9.957 394		0.042 606	9.869 745		806	
		9		15			7		
195	9.827 147		9.957 409		0.042 591	9.869 738		805	
		8		15			7		
196	9.827 155		9.957 424		0.042 576	9.869 731		804	
		9		15			7		
197	9.827 164		9.957 439		0.042 561	9.869 724		803	
		8		16			7		
198	9.827 172		9.957 455		0.042 545	9.869 717		802	
		8		15			6		
199	9.827 180		9.957 470		0.042 530	9.869 711		801	
		9		15			7		
.200	9.827 189		9.957 485		0.042 515	9.869 704		**.800**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.850 — 47°.800

42°.200 — 42°.250

42°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.827 189		9.957 485		0.042 515	9.869 704		**.800**	
		8		15			7		
201	9.827 197		9.957 500		0.042 500	9.869 697		799	
202	9.827 205	8	9.957 515	15	0.042 485	9.869 690	7	798	
203	9.827 214	9	9.957 531	16	0.042 469	9.869 683	7	797	
		8		15			7		
204	9.827 222		9.957 546		0.042 454	9.869 676		796	
205	9.827 230	8	9.957 561	15	0.042 439	9.869 669	7	795	
206	9.827 239	9	9.957 576	15	0.042 424	9.869 662	7	794	
		8		16			6		
207	9.827 247		9.957 592		0.042 408	9.869 656		793	
208	9.827 256	9	9.957 607	15	0.042 393	9.869 649	7	792	
209	9.827 264	8	9.957 622	15	0.042 378	9.869 642	7	791	
		8		15			7		
.210	9.827 272		9.957 637		0.042 363	9.869 635		**.790**	
		9		16			7		
211	9.827 281		9.957 653		0.042 347	9.869 628		789	
212	9.827 289	8	9.957 668	15	0.042 332	9.869 621	7	788	
213	9.827 297	8	9.957 683	15	0.042 317	9.869 614	7	787	
		9		15			7		
214	9.827 306		9.957 698		0.042 302	9.869 607		786	
215	9.827 314	8	9.957 713	15	0.042 287	9.869 601	6	785	
216	9.827 322	8	9.957 729	16	0.042 271	9.869 594	7	784	
		9		15			7		
217	9.827 331		9.957 744		0.042 256	9.869 587		783	
218	9.827 339	8	9.957 759	15	0.042 241	9.869 580	7	782	
219	9.827 347	8	9.957 774	15	0.042 226	9.869 573	7	781	
		9		16			7		
.220	9.827 356		9.957 790		0.042 210	9.869 566		**.780**	
		8		15			7		
221	9.827 364		9.957 805		0.042 195	9.869 559		779	
222	9.827 372	8	9.957 820	15	0.042 180	9.869 552	7	778	
223	9.827 381	9	9.957 835	15	0.042 165	9.869 546	6	777	
		8		16			7		
224	9.827 389		9.957 851		0.042 149	9.869 539		776	
225	9.827 398	9	9.957 866	15	0.042 134	9.869 532	7	775	
226	9.827 406	8	9.957 881	15	0.042 119	9.869 525	7	774	
		8		15			7		
227	9.827 414		9.957 896		0.042 104	9.869 518		773	
228	9.827 423	9	9.957 911	15	0.042 089	9.869 511	7	772	
229	9.827 431	8	9.957 927	16	0.042 073	9.869 504	7	771	
		8		15			7		
.230	9.827 439		9.957 942		0.042 058	9.869 497		**.770**	
		9		15			7		
231	9.827 448		9.957 957		0.042 043	9.869 490		769	
232	9.827 456	8	9.957 972	15	0.042 028	9.869 484	6	768	
233	9.827 464	8	9.957 988	16	0.042 012	9.869 477	7	767	
		9		15			7		
234	9.827 473		9.958 003		0.041 997	9.869 470		766	
235	9.827 481	8	9.958 018	15	0.041 982	9.869 463	7	765	
236	9.827 489	8	9.958 033	15	0.041 967	9.869 456	7	764	
		9		16			7		
237	9.827 498		9.958 049		0.041 951	9.869 449		763	
238	9.827 506	8	9.958 064	15	0.041 936	9.869 442	7	762	
239	9.827 514	8	9.958 079	15	0.041 921	9.869 435	7	761	
		9		15			6		
.240	9.827 523		9.958 094		0.041 906	9.869 429		**.760**	
		8		15			7		
241	9.827 531		9.958 109		0.041 891	9.869 422		759	
242	9.827 539	8	9.958 125	16	0.041 875	9.869 415	7	758	
243	9.827 548	9	9.958 140	15	0.041 860	9.869 408	7	757	
		8		15			7		
244	9.827 556		9.958 155		0.041 845	9.869 401		756	
245	9.827 565	9	9.958 170	15	0.041 830	9.869 394	7	755	
246	9.827 573	8	9.958 186	16	0.041 814	9.869 387	7	754	
		8		15			7		
247	9.827 581		9.958 201		0.041 799	9.869 380		753	
248	9.827 590	9	9.958 216	15	0.041 784	9.869 373	7	752	
249	9.827 598	8	9.958 231	15	0.041 769	9.869 367	6	751	
		8		16			7		
.250	9.827 606		9.958 247		0.041 753	9.869 360		**.750**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.800 — 47°.750

42°.250 — 42°.300

42°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.827 606		9.958 247		0.041 753	9.869 360		**.750**	
		9		15			7		
251	9.827 615		9.958 262		0.041 738	9.869 353		749	
		8		15			7		
252	9.827 623		9.958 277		0.041 723	9.869 346		748	
		8		15			7		
253	9.827 631		9.958 292		0.041 708	9.869 339		747	
		9		15			7		
254	9.827 640		9.958 307		0.041 693	9.869 332		746	
		8		16			7		
255	9.827 648		9.958 323		0.041 677	9.869 325		745	
		8		15			7		
256	9.827 656		9.958 338		0.041 662	9.869 318		744	
		9		15			6		
257	9.827 665		9.958 353		0.041 647	9.869 312		743	
		8		15			7		
258	9.827 673		9.958 368		0.041 632	9.869 305		742	
		8		16			7		
259	9.827 681		9.958 384		0.041 616	9.869 298		741	
		9		15			7		
.260	9.827 690		9.958 399		0.041 601	9.869 291		**.740**	
		8		15			7		
261	9.827 698		9.958 414		0.041 586	9.869 284		739	
		8		15			7		
262	9.827 706		9.958 429		0.041 571	9.869 277		738	
		9		16			7		
263	9.827 715		9.958 445		0.041 555	9.869 270		737	
		8		15			7		
264	9.827 723		9.958 460		0.041 540	9.869 263		736	
		8		15			7		
265	9.827 731		9.958 475		0.041 525	9.869 256		735	
		9		15			6		
266	9.827 740		9.958 490		0.041 510	9.869 250		734	
		8		15			7		
267	9.827 748		9.958 505		0.041 495	9.869 243		733	
		8		16			7		
268	9.827 756		9.958 521		0.041 479	9.869 236		732	
		9		15			7		
269	9.827 765		9.958 536		0.041 464	9.869 229		731	
		8		15			7		
.270	9.827 773		9.958 551		0.041 449	9.869 222		**.730**	
		8		15			7		
271	9.827 781		9.958 566		0.041 434	9.869 215		729	
		9		16			7		
272	9.827 790		9.958 582		0.041 418	9.869 208		728	
		8		15			7		
273	9.827 798		9.958 597		0.041 403	9.869 201		727	
		8		15			7		
274	9.827 806		9.958 612		0.041 388	9.869 194		726	
		9		15			6		
275	9.827 815		9.958 627		0.041 373	9.869 188		725	
		8		16			7		
276	9.827 823		9.958 643		0.041 357	9.869 181		724	
		8		15			7		
277	9.827 831		9.958 658		0.041 342	9.869 174		723	
		9		15			7		
278	9.827 840		9.958 673		0.041 327	9.869 167		722	
		8		15			7		
279	9.827 848		9.958 688		0.041 312	9.869 160		721	
		8		15			7		
.280	9.827 856		9.958 703		0.041 297	9.869 153		**.720**	
		9		16			7		
281	9.827 865		9.958 719		0.041 281	9.869 146		719	
		8		15			7		
282	9.827 873		9.958 734		0.041 266	9.869 139		718	
		8		15			7		
283	9.827 881		9.958 749		0.041 251	9.869 132		717	
		9		15			7		
284	9.827 890		9.958 764		0.041 236	9.869 125		716	
		8		16			6		
285	9.827 898		9.958 780		0.041 220	9.869 119		715	
		8		15			7		
286	9.827 906		9.958 795		0.041 205	9.869 112		714	
		9		15			7		
287	9.827 915		9.958 810		0.041 190	9.869 105		713	
		8		15			7		
288	9.827 923		9.958 825		0.041 175	9.869 098		712	
		8		15			7		
289	9.827 931		9.958 840		0.041 160	9.869 091		711	
		9		16			7		
.290	9.827 940		9.958 856		0.041 144	9.869 084		**.710**	
		8		15			7		
291	9.827 948		9.958 871		0.041 129	9.869 077		709	
		8		15			7		
292	9.827 956		9.958 886		0.041 114	9.869 070		708	
		9		15			7		
293	9.827 965		9.958 901		0.041 099	9.869 063		707	
		8		16			6		
294	9.827 973		9.958 917		0.041 083	9.869 057		706	
		8		15			7		
295	9.827 981		9.958 932		0.041 068	9.869 050		705	
		9		15			7		
296	9.827 990		9.958 947		0.041 053	9.869 043		704	
		8		15			7		
297	9.827 998		9.958 962		0.041 038	9.869 036		703	
		8		16			7		
298	9.828 006		9.958 978		0.041 022	9.869 029		702	
		9		15			7		
299	9.828 015		9.958 993		0.041 007	9.869 022		701	
		8		15			7		
.300	9.828 023		9.959 008		0.040 992	9.869 015		**.700**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.750 — 47°.700

$42^\circ.300 - 42^\circ.350$

42°	sin	d	tang	d	cotg	cos	d		P.P.		
.300	9.828 023		9.959 008		0.040 992	9.869 015		.700			
		8		15			7				
301	9.828 031		9.959 023		0.040 977	9.869 008		699			
302	9.828 040	9	9.959 038	15	0.040 962	9.869 001	7	698			
303	9.828 048	8	9.959 054	16	0.040 946	9.868 994	7	697			
		8		15			6				
304	9.828 056		9.959 069		0.040 931	9.868 988		696			
305	9.828 065	9	9.959 084	15	0.040 916	9.868 981	7	695			
306	9.828 073	8	9.959 099	15	0.040 901	9.868 974	7	694			
		8		16			7			16	15
307	9.828 081		9.959 115		0.040 885	9.868 967		693	1	1.6	1.5
308	9.828 090	9	9.959 130	15	0.040 870	9.868 960	7	692	2	3.2	3.0
309	9.828 098	8	9.959 145	15	0.040 855	9.868 953	7	691	3	4.8	4.5
		8		15			7		4	6.4	6.0
.310	9.828 106		9.959 160		0.040 840	9.868 946		.690	5	8.0	7.5
		9		15			7		6	9.6	9.0
311	9.828 115	8	9.959 175		0.040 825	9.868 939		689	7	11.2	10.5
312	9.828 123	8	9.959 191	16	0.040 809	9.868 932	7	688	8	12.8	12.0
313	9.828 131		9.959 206	15	0.040 794	9.868 925	7	687	9	14.4	13.5
		9		15			6				
314	9.828 140	8	9.959 221		0.040 779	9.868 919		686			
315	9.828 148	8	9.959 236	15	0.040 764	9.868 912	7	685			
316	9.828 156		9.959 252	16	0.040 748	9.868 905	7	684			
		9		15			7				
317	9.828 165	8	9.959 267		0.040 733	9.868 898		683			
318	9.828 173	8	9.959 282	15	0.040 718	9.868 891	7	682			
319	9.828 181		9.959 297	15	0.040 703	9.868 884	7	681			
		9		16			7				
.320	9.828 190		9.959 313		0.040 687	9.868 877		.680			
		8		15			7			9	8
321	9.828 198		9.959 328		0.040 672	9.868 870		679	1	0.9	0.8
322	9.828 206	8	9.959 343	15	0.040 657	9.868 863	7	678	2	1.8	1.6
323	9.828 215	9	9.959 358	15	0.040 642	9.868 856	7	677	3	2.7	2.4
		8		15			6		4	3.6	3.2
324	9.828 223		9.959 373		0.040 627	9.868 850		676	5	4.5	4.0
325	9.828 231	8	9.959 389	16	0.040 611	9.868 843	7	675	6	5.4	4.8
326	9.828 240	9	9.959 404	15	0.040 596	9.868 836	7	674	7	6.3	5.6
		8		15			7		8	7.2	6.4
327	9.828 248		9.959 419		0.040 581	9.868 829		673	9	8.1	7.2
328	9.828 256	8	9.959 434	15	0.040 566	9.868 822	7	672			
329	9.828 265	9	9.959 450	16	0.040 550	9.868 815	7	671			
		8		15			7				
.330	9.828 273		9.959 465		0.040 535	9.868 808		.670			
		8		15			7				
331	9.828 281		9.959 480		0.040 520	9.868 801		669			
332	9.828 290	9	9.959 495	15	0.040 505	9.868 794	7	668			
333	9.828 298	8	9.959 510	15	0.040 490	9.868 787	7	667			
		8		16			6				
334	9.828 306		9.959 526		0.040 474	9.868 781		666			
335	9.828 315	9	9.959 541	15	0.040 459	9.868 774	7	665			
336	9.828 323	8	9.959 556	15	0.040 444	9.868 767	7	664		7	6
		8		15			7				
337	9.828 331		9.959 571		0.040 429	9.868 760		663	1	0.7	0.6
338	9.828 339	8	9.959 587	16	0.040 413	9.868 753	7	662	2	1.4	1.2
339	9.828 348	9	9.959 602	15	0.040 398	9.868 746	7	661	3	2.1	1.8
		8		15			7		4	2.8	2.4
.340	9.828 356		9.959 617		0.040 383	9.868 739		.660	5	3.5	3.0
		8		15			7		6	4.2	3.6
341	9.828 364		9.959 632		0.040 368	9.868 732		659	7	4.9	4.2
342	9.828 373	9	9.959 647	15	0.040 353	9.868 725	7	658	8	5.6	4.8
343	9.828 381	8	9.959 663	16	0.040 337	9.868 718	7	657	9	6.3	5.4
		8		15			7				
344	9.828 389		9.959 678		0.040 322	9.868 711		656			
345	9.828 398	9	9.959 693	15	0.040 307	9.868 705	6	655			
346	9.828 406	8	9.959 708	15	0.040 292	9.868 698	7	654			
		8		16			7				
347	9.828 414		9.959 724		0.040 276	9.868 691		653			
348	9.828 423	9	9.959 739	15	0.040 261	9.868 684	7	652			
349	9.828 431	8	9.959 754	15	0.040 246	9.868 677	7	651			
		8		15			7				
.350	9.828 439		9.959 769		0.040 231	9.868 670		.650			
	cos	d	cotg	d	tang	sin	d	47°	P.P.		

$47^\circ.700 - 47^\circ.650$

42°.350 — 42°.400

42°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.828 439		9.959 769		0.040 231	9.868 670		**.650**	
		9		16			7		
351	9.828 448		9.959 785		0.040 215	9.868 663		649	
352	9.828 456	8	9.959 800	15	0.040 200	9.868 656	7	648	
353	9.828 464	8	9.959 815	15	0.040 185	9.868 649	7	647	
		9		15			7		
354	9.828 473		9.959 830		0.040 170	9.868 642		646	
355	9.828 481	8	9.959 845	15	0.040 155	9.868 635	7	645	
356	9.828 489	8	9.959 861	16	0.040 139	9.868 629	6	644	
		8		15			7		
357	9.828 497		9.959 876		0.040 124	9.868 622		643	
358	9.828 506	9	9.959 891	15	0.040 109	9.868 615	7	642	
359	9.828 514	8	9.959 906	15	0.040 094	9.868 608	7	641	
		8		16			7		
.360	9.828 522		9.959 922		0.040 078	9.868 601		**.640**	
		9		15			7		
361	9.828 531		9.959 937		0.040 063	9.868 594		639	
362	9.828 539	8	9.959 952	15	0.040 048	9.868 587	7	638	
363	9.828 547	8	9.959 967	15	0.040 033	9.868 580	7	637	
		9		15			7		
364	9.828 556		9.959 982		0.040 018	9.868 573		636	
365	9.828 564	8	9.959 998	16	0.040 002	9.868 566	7	635	
366	9.828 572	8	9.960 013	15	0.039 987	9.868 559	7	634	
		9		15			6		
367	9.828 581		9.960 028		0.039 972	9.868 553		633	
368	9.828 589	8	9.960 043	15	0.039 957	9.868 546	7	632	
369	9.828 597	8	9.960 059	16	0.039 941	9.868 539	7	631	
		9		15			7		
.370	9.828 606		9.960 074		0.039 926	9.868 532		**.630**	
		8		15			7		
371	9.828 614		9.960 089		0.039 911	9.868 525		629	
372	9.828 622	8	9.960 104	15	0.039 896	9.868 518	7	628	
373	9.828 630	8	9.960 119	15	0.039 881	9.868 511	7	627	
		9		16			7		
374	9.828 639		9.960 135		0.039 865	9.868 504		626	
375	9.828 647	8	9.960 150	15	0.039 850	9.868 497	7	625	
376	9.828 655	8	9.960 165	15	0.039 835	9.868 490	7	624	
		9		15			7		
377	9.828 664		9.960 180		0.039 820	9.868 483		623	
378	9.828 672	8	9.960 196	16	0.039 804	9.868 476	7	622	
379	9.828 680	8	9.960 211	15	0.039 789	9.868 470	6	621	
		9		15			7		
.380	9.828 689		9.960 226		0.039 774	9.868 463		**.620**	
		8		15			7		
381	9.828 697		9.960 241		0.039 759	9.868 456		619	
382	9.828 705	8	9.960 256	15	0.039 744	9.868 449	7	618	
383	9.828 714	9	9.960 272	16	0.039 728	9.868 442	7	617	
		8		15			7		
384	9.828 722		9.960 287		0.039 713	9.868 435		616	
385	9.828 730	8	9.960 302	15	0.039 698	9.868 428	7	615	
386	9.828 738	8	9.960 317	15	0.039 683	9.868 421	7	614	
		9		16			7		
387	9.828 747		9.960 333		0.039 667	9.868 414		613	
388	9.828 755	8	9.960 348	15	0.039 652	9.868 407	7	612	
389	9.828 763	8	9.960 363	15	0.039 637	9.868 400	7	611	
		9		15			7		
.390	9.828 772		9.960 378		0.039 622	9.868 393		**.610**	
		8		15			6		
391	9.828 780		9.960 393		0.039 607	9.868 387		609	
392	9.828 788	8	9.960 409	16	0.039 591	9.868 380	7	608	
393	9.828 797	9	9.960 424	15	0.039 576	9.868 373	7	607	
		8		15			7		
394	9.828 805		9.960 439		0.039 561	9.868 366		606	
395	9.828 813	8	9.960 454	15	0.039 546	9.868 359	7	605	
396	9.828 821	8	9.960 470	16	0.039 530	9.868 352	7	604	
		9		15			7		
397	9.828 830		9.960 485		0.039 515	9.868 345		603	
398	9.828 838	8	9.960 500	15	0.039 500	9.868 338	7	602	
399	9.828 846	8	9.960 515	15	0.039 485	9.868 331	7	601	
		9		15			7		
.400	9.828 855		9.960 530		0.039 470	9.868 324		**.600**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.650 — 47°.600

42°.400 — 42°.450

42°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.828 855		9.960 530		0.039 470	9.868 324		.600	
		8		16			7		
401	9.828 863		9.960 546		0.039 454	9.868 317		599	
402	9.828 871	8	9.960 561	15	0.039 439	9.868 310	7	598	
403	9.828 880	9	9.960 576	15	0.039 424	9.868 303	7	597	
		8		15			6		
404	9.828 888		9.960 591		0.039 409	9.868 297		596	
405	9.828 896	8	9.960 607	16	0.039 393	9.868 290	7	595	
406	9.828 904	8	9.960 622	15	0.039 378	9.868 283	7	594	
		9		15			7		
407	9.828 913		9.960 637		0.039 363	9.868 276		593	
408	9.828 921	8	9.960 652	15	0.039 348	9.868 269	7	592	
409	9.828 929	8	9.960 667	15	0.039 333	9.868 262	7	591	
		9		16			7		
.410	9.828 938		9.960 683		0.039 317	9.868 255		.590	
		8		15			7		
411	9.828 946		9.960 698		0.039 302	9.868 248		589	
412	9.828 954	8	9.960 713	15	0.039 287	9.868 241	7	588	
413	9.828 963	9	9.960 728	15	0.039 272	9.868 234	7	587	
		8		16			7		
414	9.828 971		9.960 744		0.039 256	9.868 227		586	
415	9.828 979	8	9.960 759	15	0.039 241	9.868 220	7	585	
416	9.828 987	8	9.960 774	15	0.039 226	9.868 213	7	584	
		9		15			6		
417	9.828 996		9.960 789		0.039 211	9.868 207		583	
418	9.829 004	8	9.960 804	15	0.039 196	9.868 200	7	582	
419	9.829 012	8	9.960 820	16	0.039 180	9.868 193	7	581	
		9		15			7		
.420	9.829 021		9.960 835		0.039 165	9.868 186		.580	
		8		15			7		
421	9.829 029		9.960 850		0.039 150	9.868 179		579	
422	9.829 037	8	9.960 865	15	0.039 135	9.868 172	7	578	
423	9.829 046	9	9.960 881	16	0.039 119	9.868 165	7	577	
		8		15			7		
424	9.829 054		9.960 896		0.039 104	9.868 158		576	
425	9.829 062	8	9.960 911	15	0.039 089	9.868 151	7	575	
426	9.829 070	8	9.960 926	15	0.039 074	9.868 144	7	574	
		9		15			7		
427	9.829 079		9.960 941		0.039 059	9.868 137		573	
428	9.829 087	8	9.960 957	16	0.039 043	9.868 130	7	572	
429	9.829 095	8	9.960 972	15	0.039 028	9.868 123	7	571	
		9		15			7		
.430	9.829 104		9.960 987		0.039 013	9.868 116		.570	
		8		15			6		
431	9.829 112		9.961 002		0.038 998	9.868 110		569	
432	9.829 120	8	9.961 018	16	0.038 982	9.868 103	7	568	
433	9.829 128	8	9.961 033	15	0.038 967	9.868 096	7	567	
		9		15			7		
434	9.829 137		9.961 048		0.038 952	9.868 089		566	
435	9.829 145	8	9.961 063	15	0.038 937	9.868 082	7	565	
436	9.829 153	8	9.961 078	15	0.038 922	9.868 075	7	564	
		9		16			7		
437	9.829 162		9.961 094		0.038 906	9.868 068		563	
438	9.829 170	8	9.961 109	15	0.038 891	9.868 061	7	562	
439	9.829 178	8	9.961 124	15	0.038 876	9.868 054	7	561	
		9		15			7		
.440	9.829 187		9.961 139		0.038 861	9.868 047		.560	
		8		16			7		
441	9.829 195		9.961 155		0.038 845	9.868 040		559	
442	9.829 203	8	9.961 170	15	0.038 830	9.868 033	7	558	
443	9.829 211	8	9.961 185	15	0.038 815	9.868 026	7	557	
		9		15			7		
444	9.829 220		9.961 200		0.038 800	9.868 019		556	
445	9.829 228	8	9.961 215	15	0.038 785	9.868 013	6	555	
446	9.829 236	8	9.961 231	16	0.038 769	9.868 006	7	554	
		9		15			7		
447	9.829 245		9.961 246		0.038 754	9.867 999		553	
448	9.829 253	8	9.961 261	15	0.038 739	9.867 992	7	552	
449	9.829 261	8	9.961 276	15	0.038 724	9.867 985	7	551	
		8		16			7		
.450	9.829 269		9.961 292		0.038 708	9.867 978		.550	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.600 — 47°.550

42°.450 — 42°.500

42°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.829 269		9.961 292		0.038 708	9.867 978		**.550**	
		9		15			7		
451	9.829 278		9.961 307		0.038 693	9.867 971		549	
		8		15			7		
452	9.829 286		9.961 322		0.038 678	9.867 964		548	
		8		15			7		
453	9.829 294		9.961 337		0.038 663	9.867 957		547	
		9		15			7		
454	9.829 303		9.961 352		0.038 648	9.867 950		546	
		8		16			7		
455	9.829 311		9.961 368		0.038 632	9.867 943		545	
		8		15			7		
456	9.829 319		9.961 383		0.038 617	9.867 936		544	
		8		15			7		
457	9.829 327		9.961 398		0.038 602	9.867 929		543	
		9		15			7		
458	9.829 336		9.961 413		0.038 587	9.867 922		542	
		8		15			7		
459	9.829 344		9.961 428		0.038 572	9.867 915		541	
		8		16			6		
.460	9.829 352		9.961 444		0.038 556	9.867 909		**.540**	
		9		15			7		
461	9.829 361		9.961 459		0.038 541	9.867 902		539	
		8		15			7		
462	9.829 369		9.961 474		0.038 526	9.867 895		538	
		8		15			7		
463	9.829 377		9.961 489		0.038 511	9.867 888		537	
		8		16			7		
464	9.829 385		9.961 505		0.038 495	9.867 881		536	
		9		15			7		
465	9.829 394		9.961 520		0.038 480	9.867 874		535	
		8		15			7		
466	9.829 402		9.961 535		0.038 465	9.867 867		534	
		8		15			7		
467	9.829 410		9.961 550		0.038 450	9.867 860		533	
		8		15			7		
468	9.829 418		9.961 565		0.038 435	9.867 853		532	
		9		16			7		
469	9.829 427		9.961 581		0.038 419	9.867 846		531	
		8		15			7		
.470	9.829 435		9.961 596		0.038 404	9.867 839		**.530**	
		8		15			7		
471	9.829 443		9.961 611		0.038 389	9.867 832		529	
		9		15			7		
472	9.829 452		9.961 626		0.038 374	9.867 825		528	
		8		16			7		
473	9.829 460		9.961 642		0.038 358	9.867 818		527	
		8		15			7		
474	9.829 468		9.961 657		0.038 343	9.867 811		526	
		8		15			7		
475	9.829 476		9.961 672		0.038 328	9.867 804		525	
		9		15			6		
476	9.829 485		9.961 687		0.038 313	9.867 798		524	
		8		15			7		
477	9.829 493		9.961 702		0.038 298	9.867 791		523	
		8		16			7		
478	9.829 501		9.961 718		0.038 282	9.867 784		522	
		9		15			7		
479	9.829 510		9.961 733		0.038 267	9.867 777		521	
		8		15			7		
.480	9.829 518		9.961 748		0.038 252	9.867 770		**.520**	
		8		15			7		
481	9.829 526		9.961 763		0.038 237	9.867 763		519	
		8		16			7		
482	9.829 534		9.961 779		0.038 221	9.867 756		518	
		9		15			7		
483	9.829 543		9.961 794		0.038 206	9.867 749		517	
		8		15			7		
484	9.829 551		9.961 809		0.038 191	9.867 742		516	
		8		15			7		
485	9.829 559		9.961 824		0.038 176	9.867 735		515	
		9		15			7		
486	9.829 568		9.961 839		0.038 161	9.867 728		514	
		8		16			7		
487	9.829 576		9.961 855		0.038 145	9.867 721		513	
		8		15			7		
488	9.829 584		9.961 870		0.038 130	9.867 714		512	
		8		15			7		
489	9.829 592		9.961 885		0.038 115	9.867 707		511	
		9		15			7		
.490	9.829 601		9.961 900		0.038 100	9.867 700		**.510**	
		8		16			7		
491	9.829 609		9.961 916		0.038 084	9.867 693		509	
		8		15			7		
492	9.829 617		9.961 931		0.038 069	9.867 686		508	
		8		15			7		
493	9.829 625		9.961 946		0.038 054	9.867 679		507	
		9		15			6		
494	9.829 634		9.961 961		0.038 039	9.867 673		506	
		8		15			7		
495	9.829 642		9.961 976		0.038 024	9.867 666		505	
		8		16			7		
496	9.829 650		9.961 992		0.038 008	9.867 659		504	
		9		15			7		
497	9.829 659		9.962 007		0.037 993	9.867 652		503	
		8		15			7		
498	9.829 667		9.962 022		0.037 978	9.867 645		502	
		8		15			7		
499	9.829 675		9.962 037		0.037 963	9.867 638		501	
		8		15			7		
.500	9.829 683		9.962 052		0.037 948	9.867 631		**.500**	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.550 — 47°.500

$42^\circ.500 - 42^\circ.550$

42°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.829 683		9.962 052		0.037 948	9.867 631		**.500**	
501	9.829 692	9	9.962 068	16	0.037 932	9.867 624	7	499	
502	9.829 700	8	9.962 083	15	0.037 917	9.867 617	7	498	
503	9.829 708	8	9.962 098	15	0.037 902	9.867 610	7	497	
504	9.829 716	8	9.962 113	15	0.037 887	9.867 603	7	496	
505	9.829 725	9	9.962 129	16	0.037 871	9.867 596	7	495	
506	9.829 733	8	9.962 144	15	0.037 856	9.867 589	7	494	
507	9.829 741	8	9.962 159	15	0.037 841	9.867 582	7	493	
508	9.829 750	9	9.962 174	15	0.037 826	9.867 575	7	492	
509	9.829 758	8	9.962 189	15	0.037 811	9.867 568	7	491	
.510	9.829 766	8	9.962 205	16	0.037 795	9.867 561	7	**.490**	
511	9.829 774	8	9.962 220	15	0.037 780	9.867 554	7	489	
512	9.829 783	9	9.962 235	15	0.037 765	9.867 548	6	488	
513	9.829 791	8	9.962 250	15	0.037 750	9.867 541	7	487	
514	9.829 799	8	9.962 266	16	0.037 734	9.867 534	7	486	
515	9.829 807	8	9.962 281	15	0.037 719	9.867 527	7	485	
516	9.829 816	9	9.962 296	15	0.037 704	9.867 520	7	484	
517	9.829 824	8	9.962 311	15	0.037 689	9.867 513	7	483	
518	9.829 832	8	9.962 326	15	0.037 674	9.867 506	7	482	
519	9.829 840	8	9.962 342	16	0.037 658	9.867 499	7	481	
.520	9.829 849	9	9.962 357	15	0.037 643	9.867 492	7	**.480**	
521	9.829 857	8	9.962 372	15	0.037 628	9.867 485	7	479	
522	9.829 865	8	9.962 387	15	0.037 613	9.867 478	7	478	
523	9.829 874	9	9.962 402	15	0.037 598	9.867 471	7	477	
524	9.829 882	8	9.962 418	16	0.037 582	9.867 464	7	476	
525	9.829 890	8	9.962 433	15	0.037 567	9.867 457	7	475	
526	9.829 898	8	9.962 448	15	0.037 552	9.867 450	7	474	
527	9.829 907	9	9.962 463	15	0.037 537	9.867 443	7	473	
528	9.829 915	8	9.962 479	16	0.037 521	9.867 436	7	472	
529	9.829 923	8	9.962 494	15	0.037 506	9.867 429	7	471	
.530	9.829 931	8	9.962 509	15	0.037 491	9.867 422	7	**.470**	
531	9.829 940	9	9.962 524	15	0.037 476	9.867 415	7	469	
532	9.829 948	8	9.962 539	15	0.037 461	9.867 408	7	468	
533	9.829 956	8	9.962 555	16	0.037 445	9.867 402	6	467	
534	9.829 964	8	9.962 570	15	0.037 430	9.867 395	7	466	
535	9.829 973	9	9.962 585	15	0.037 415	9.867 388	7	465	
536	9.829 981	8	9.962 600	15	0.037 400	9.867 381	7	464	
537	9.829 989	8	9.962 615	15	0.037 385	9.867 374	7	463	
538	9.829 997	8	9.962 631	16	0.037 369	9.867 367	7	462	
539	9.830 006	9	9.962 646	15	0.037 354	9.867 360	7	461	
.540	9.830 014	8	9.962 661	15	0.037 339	9.867 353	7	**.460**	
541	9.830 022	8	9.962 676	15	0.037 324	9.867 346	7	459	
542	9.830 031	9	9.962 692	16	0.037 308	9.867 339	7	458	
543	9.830 039	8	9.962 707	15	0.037 293	9.867 332	7	457	
544	9.830 047	8	9.962 722	15	0.037 278	9.867 325	7	456	
545	9.830 055	8	9.962 737	15	0.037 263	9.867 318	7	455	
546	9.830 064	9	9.962 752	15	0.037 248	9.867 311	7	454	
547	9.830 072	8	9.962 768	16	0.037 232	9.867 304	7	453	
548	9.830 080	8	9.962 783	15	0.037 217	9.867 297	7	452	
549	9.830 088	8	9.962 798	15	0.037 202	9.867 290	7	451	
.550	9.830 097	9	9.962 813	15	0.037 187	9.867 283	7	**.450**	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

$47^\circ.500 - 47^\circ.450$

42°.550 — 42°.600

42°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.830 097		9.962 813		0.037 187	9.867 283		.450	
		8		16			7		
551	9.830 105		9.962 829		0.037 171	9.867 276		449	
552	9.830 113	8	9.962 844	15	0.037 156	9.867 269	7	448	
553	9.830 121	8	9.962 859	15	0.037 141	9.867 262	7	447	
		9		15			7		
554	9.830 130		9.962 874		0.037 126	9.867 255		446	
555	9.830 138	8	9.962 889	15	0.037 111	9.867 249	6	445	
556	9.830 146	8	9.962 905	16	0.037 095	9.867 242	7	444	
		8		15			7		
557	9.830 154		9.962 920		0.037 080	9.867 235		443	
558	9.830 163	9	9.962 935	15	0.037 065	9.867 228	7	442	
559	9.830 171	8	9.962 950	15	0.037 050	9.867 221	7	441	
		8		15			7		
.560	9.830 179		9.962 965		0.037 035	9.867 214		.440	
		8		16			7		
561	9.830 187		9.962 981		0.037 019	9.867 207		439	
562	9.830 196	9	9.962 996	15	0.037 004	9.867 200	7	438	
563	9.830 204	8	9.963 011	15	0.036 989	9.867 193	7	437	
		8		15			7		
564	9.830 212		9.963 026		0.036 974	9.867 186		436	
565	9.830 220	8	9.963 042	16	0.036 958	9.867 179	7	435	
566	9.830 229	9	9.963 057	15	0.036 943	9.867 172	7	434	
		8		15			7		
567	9.830 237		9.963 072		0.036 928	9.867 165		433	
568	9.830 245	8	9.963 087	15	0.036 913	9.867 158	7	432	
569	9.830 253	8	9.963 102	15	0.036 898	9.867 151	7	431	
		9		16			7		
.570	9.830 262		9.963 118		0.036 882	9.867 144		.430	
		8		15			7		
571	9.830 270		9.963 133		0.036 867	9.867 137		429	
572	9.830 278	8	9.963 148	15	0.036 852	9.867 130	7	428	
573	9.830 286	8	9.963 163	15	0.036 837	9.867 123	7	427	
		9		15			7		
574	9.830 295		9.963 178		0.036 822	9.867 116		426	
575	9.830 303	8	9.963 194	16	0.036 806	9.867 109	7	425	
576	9.830 311	8	9.963 209	15	0.036 791	9.867 102	7	424	
		8		15			7		
577	9.830 319		9.963 224		0.036 776	9.867 095		423	
578	9.830 328	9	9.963 239	15	0.036 761	9.867 088	7	422	
579	9.830 336	8	9.963 255	16	0.036 745	9.867 081	7	421	
		8		15			7		
.580	9.830 344		9.963 270		0.036 730	9.867 074		.420	
		8		15			7		
581	9.830 352		9.963 285		0.036 715	9.867 067		419	
582	9.830 361	9	9.963 300	15	0.036 700	9.867 061	6	418	
583	9.830 369	8	9.963 315	15	0.036 685	9.867 054	7	417	
		8		16			7		
584	9.830 377		9.963 331		0.036 669	9.867 047		416	
585	9.830 385	8	9.963 346	15	0.036 654	9.867 040	7	415	
586	9.830 394	9	9.963 361	15	0.036 639	9.867 033	7	414	
		8		15			7		
587	9.830 402		9.963 376		0.036 624	9.867 026		413	
588	9.830 410	8	9.963 391	15	0.036 609	9.867 019	7	412	
589	9.830 418	8	9.963 407	16	0.036 593	9.867 012	7	411	
		9		15			7		
.590	9.830 427		9.963 422		0.036 578	9.867 005		.410	
		8		15			7		
591	9.830 435		9.963 437		0.036 563	9.866 998		409	
592	9.830 443	8	9.963 452	15	0.036 548	9.866 991	7	408	
593	9.830 451	8	9.963 468	16	0.036 532	9.866 984	7	407	
		9		15			7		
594	9.830 460		9.963 483		0.036 517	9.866 977		406	
595	9.830 468	8	9.963 498	15	0.036 502	9.866 970	7	405	
596	9.830 476	8	9.963 513	15	0.036 487	9.866 963	7	404	
		8		15			7		
597	9.830 484		9.963 528		0.036 472	9.866 956		403	
598	9.830 493	9	9.963 544	16	0.036 456	9.866 949	7	402	
599	9.830 501	8	9.963 559	15	0.036 441	9.866 942	7	401	
		8		15			7		
.600	9.830 509		9.963 574		0.036 426	9.866 935		.400	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.450 — 47°.400

42°.600 — 42°.650

42°	sin	d	tang	d	cotg	cos	d	
.600	9.830 509	8	9.963 574	15	0.036 426	9.866 935	7	.400
601	9.830 517	9	9.963 589	15	0.036 411	9.866 928	7	399
602	9.830 526	8	9.963 604	16	0.036 396	9.866 921	7	398
603	9.830 534	8	9.963 620	15	0.036 380	9.866 914	7	397
604	9.830 542	8	9.963 635	15	0.036 365	9.866 907	7	396
605	9.830 550	9	9.963 650	15	0.036 350	9.866 900	7	395
606	9.830 559	8	9.963 665	15	0.036 335	9.866 893	7	394
607	9.830 567	8	9.963 680	16	0.036 320	9.866 886	7	393
608	9.830 575	8	9.963 696	15	0.036 304	9.866 879	7	392
609	9.830 583	9	9.963 711	15	0.036 289	9.866 872	7	391
.610	9.830 592	8	9.963 726	15	0.036 274	9.866 865	7	.390
611	9.830 600	8	9.963 741	16	0.036 259	9.866 858	7	389
612	9.830 608	8	9.963 757	15	0.036 243	9.866 851	7	388
613	9.830 616	8	9.963 772	15	0.036 228	9.866 844	7	387
614	9.830 624	9	9.963 787	15	0.036 213	9.866 837	6	386
615	9.830 633	8	9.963 802	15	0.036 198	9.866 831	7	385
616	9.830 641	8	9.963 817	16	0.036 183	9.866 824	7	384
617	9.830 649	8	9.963 833	15	0.036 167	9.866 817	7	383
618	9.830 657	9	9.963 848	15	0.036 152	9.866 810	7	382
619	9.830 666	8	9.963 863	15	0.036 137	9.866 803	7	381
.620	9.830 674	8	9.963 878	15	0.036 122	9.866 796	7	.380
621	9.830 682	8	9.963 893	16	0.036 107	9.866 789	7	379
622	9.830 690	9	9.963 909	15	0.036 091	9.866 782	7	378
623	9.830 699	8	9.963 924	15	0.036 076	9.866 775	7	377
624	9.830 707	8	9.963 939	15	0.036 061	9.866 768	7	376
625	9.830 715	8	9.963 954	16	0.036 046	9.866 761	7	375
626	9.830 723	9	9.963 970	15	0.036 030	9.866 754	7	374
627	9.830 732	8	9.963 985	15	0.036 015	9.866 747	7	373
628	9.830 740	8	9.964 000	15	0.036 000	9.866 740	7	372
629	9.830 748	8	9.964 015	15	0.035 985	9.866 733	7	371
.630	9.830 756	8	9.964 030	16	0.035 970	9.866 726	7	.370
631	9.830 764	9	9.964 046	15	0.035 954	9.866 719	7	369
632	9.830 773	8	9.964 061	15	0.035 939	9.866 712	7	368
633	9.830 781	8	9.964 076	15	0.035 924	9.866 705	7	367
634	9.830 789	8	9.964 091	15	0.035 909	9.866 698	7	366
635	9.830 797	9	9.964 106	16	0.035 894	9.866 691	7	365
636	9.830 806	8	9.964 122	15	0.035 878	9.866 684	7	364
637	9.830 814	8	9.964 137	15	0.035 863	9.866 677	7	363
638	9.830 822	8	9.964 152	15	0.035 848	9.866 670	7	362
639	9.830 830	9	9.964 167	15	0.035 833	9.866 663	7	361
.640	9.830 839	8	9.964 182	16	0.035 818	9.866 656	7	.360
641	9.830 847	8	9.964 198	15	0.035 802	9.866 649	7	359
642	9.830 855	8	9.964 213	15	0.035 787	9.866 642	7	358
643	9.830 863	9	9.964 228	15	0.035 772	9.866 635	7	357
644	9.830 872	8	9.964 243	16	0.035 757	9.866 628	7	356
645	9.830 880	8	9.964 259	15	0.035 741	9.866 621	7	355
646	9.830 888	8	9.964 274	15	0.035 726	9.866 614	7	354
647	9.830 896	8	9.964 289	15	0.035 711	9.866 607	7	353
648	9.830 904	9	9.964 304	15	0.035 696	9.866 600	7	352
649	9.830 913	8	9.964 319	16	0.035 681	9.866 593	7	351
.650	9.830 921		9.964 335		0.035 665	9.866 586		.350
	cos	d	cotg	d	tang	sin	d	47°

P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.400 — 47°.350

42°.650 — 42°.700

42°	sin	d	tang	d	cotg	cos	d		P.P.		
.650	9.830 921		9.964 335		0.035 665	9.866 586		**.350**			
		8		15			7				
651	9.830 929		9.964 350		0.035 650	9.866 579		349			
652	9.830 937	8	9.964 365	15	0.035 635	9.866 572	7	348			
653	9.830 946	9	9.964 380	15	0.035 620	9.866 565	7	347			
		8		15			7				
654	9.830 954		9.964 395		0.035 605	9.866 558		346			
655	9.830 962	8	9.964 411	16	0.035 589	9.866 551	7	345			
656	9.830 970	8	9.964 426	15	0.035 574	9.866 544	7	344			
		8		15			7				
657	9.830 978		9.964 441		0.035 559	9.866 537		343			
658	9.830 987	9	9.964 456	15	0.035 544	9.866 530	7	342			
659	9.830 995	8	9.964 471	15	0.035 529	9.866 523	7	341			
		8		16			7				
.660	9.831 003		9.964 487		0.035 513	9.866 516		**.340**			
		8		15			7				
661	9.831 011		9.964 502		0.035 498	9.866 509		339			
662	9.831 020	9	9.964 517	15	0.035 483	9.866 502	7	338			
663	9.831 028	8	9.964 532	15	0.035 468	9.866 496	6	337			
		8		16			7				
664	9.831 036		9.964 548		0.035 452	9.866 489		336			
665	9.831 044	8	9.964 563	15	0.035 437	9.866 482	7	335			
666	9.831 053	9	9.964 578	15	0.035 422	9.866 475	7	334			
		8		15			7				
667	9.831 061		9.964 593		0.035 407	9.866 468		333			
668	9.831 069	8	9.964 608	15	0.035 392	9.866 461	7	332			
669	9.831 077	8	9.964 624	16	0.035 376	9.866 454	7	331			
		8		15			7				
.670	9.831 085		9.964 639		0.035 361	9.866 447		**.330**			
		9		15			7				
671	9.831 094		9.964 654		0.035 346	9.866 440		329			
672	9.831 102	8	9.964 669	15	0.035 331	9.866 433	7	328			
673	9.831 110	8	9.964 684	15	0.035 316	9.866 426	7	327			
		8		16			7				
674	9.831 118		9.964 700		0.035 300	9.866 419		326			
675	9.831 127	9	9.964 715	15	0.035 285	9.866 412	7	325			
676	9.831 135	8	9.964 730	15	0.035 270	9.866 405	7	324			
		8		15			7				
677	9.831 143		9.964 745		0.035 255	9.866 398		323			
678	9.831 151	8	9.964 760	15	0.035 240	9.866 391	7	322			
679	9.831 159	8	9.964 776	16	0.035 224	9.866 384	7	321			
		9		15			7				
.680	9.831 168		9.964 791		0.035 209	9.866 377		**.320**			
		8		15			7				
681	9.831 176		9.964 806		0.035 194	9.866 370		319			
682	9.831 184	8	9.964 821	15	0.035 179	9.866 363	7	318			
683	9.831 192	8	9.964 837	16	0.035 163	9.866 356	7	317			
		8		15			7				
684	9.831 200		9.964 852		0.035 148	9.866 349		316			
685	9.831 209	9	9.964 867	15	0.035 133	9.866 342	7	315			
686	9.831 217	8	9.964 882	15	0.035 118	9.866 335	7	314			
		8		15			7				
687	9.831 225		9.964 897		0.035 103	9.866 328		313			
688	9.831 233	8	9.964 913	16	0.035 087	9.866 321	7	312			
689	9.831 242	9	9.964 928	15	0.035 072	9.866 314	7	311			
		8		15			7				
.690	9.831 250		9.964 943		0.035 057	9.866 307		**.310**			
		8		15			7				
691	9.831 258		9.964 958		0.035 042	9.866 300		309			
692	9.831 266	8	9.964 973	15	0.035 027	9.866 293	7	308			
693	9.831 274	8	9.964 989	16	0.035 011	9.866 286	7	307			
		9		15			7				
694	9.831 283		9.965 004		0.034 996	9.866 279		306			
695	9.831 291	8	9.965 019	15	0.034 981	9.866 272	7	305			
696	9.831 299	8	9.965 034	15	0.034 966	9.866 265	7	304			
		8		15			7				
697	9.831 307		9.965 049		0.034 951	9.866 258		303			
698	9.831 316	9	9.965 065	16	0.034 935	9.866 251	7	302			
699	9.831 324	8	9.965 080	15	0.034 920	9.866 244	7	301			
		8		15			7				
.700	9.831 332		9.965 095		0.034 905	9.866 237		**.300**			
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.		

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.350 — 47°.300

$42^\circ.700 - 42^\circ.750$

42°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.831 332		9.965 095		0.034 905	9.866 237		.300	
		8		15			7		
701	9.831 340		9.965 110		0.034 890	9.866 230		299	
702	9.831 348	8	9.965 126	16	0.034 874	9.866 223	7	298	
703	9.831 357	9	9.965 141	15	0.034 859	9.866 216	7	297	
		8		15			7		
704	9.831 365		9.965 156		0.034 844	9.866 209		296	
705	9.831 373	8	9.965 171	15	0.034 829	9.866 202	7	295	
706	9.831 381	8	9.965 186	15	0.034 814	9.866 195	7	294	
		8		16			7		
707	9.831 389		9.965 202		0.034 798	9.866 188		293	
708	9.831 398	9	9.965 217	15	0.034 783	9.866 181	7	292	
709	9.831 406	8	9.965 232	15	0.034 768	9.866 174	7	291	
		8		15			7		
.710	9.831 414		9.965 247		0.034 753	9.866 167		.290	
		8		15			7		
711	9.831 422		9.965 262		0.034 738	9.866 160		289	
712	9.831 431	9	9.965 278	16	0.034 722	9.866 153	7	288	
713	9.831 439	8	9.965 293	15	0.034 707	9.866 146	7	287	
		8		15			7		
714	9.831 447		9.965 308		0.034 692	9.866 139		286	
715	9.831 455	8	9.965 323	15	0.034 677	9.866 132	7	285	
716	9.831 463	8	9.965 338	15	0.034 662	9.866 125	7	284	
		9		16			7		
717	9.831 472		9.965 354		0.034 646	9.866 118		283	
718	9.831 480	8	9.965 369	15	0.034 631	9.866 111	7	282	
719	9.831 488	8	9.965 384	15	0.034 616	9.866 104	7	281	
		8		15			7		
.720	9.831 496		9.965 399		0.034 601	9.866 097		.280	
		8		15			7		
721	9.831 504		9.965 414		0.034 586	9.866 090		279	
722	9.831 513	9	9.965 430	16	0.034 570	9.866 083	7	278	
723	9.831 521	8	9.965 445	15	0.034 555	9.866 076	7	277	
		8		15			7		
724	9.831 529		9.965 460		0.034 540	9.866 069		276	
725	9.831 537	8	9.965 475	15	0.034 525	9.866 062	7	275	
726	9.831 545	8	9.965 490	15	0.034 510	9.866 055	7	274	
		9		16			7		
727	9.831 554		9.965 506		0.034 494	9.866 048		273	
728	9.831 562	8	9.965 521	15	0.034 479	9.866 041	7	272	
729	9.831 570	8	9.965 536	15	0.034 464	9.866 034	7	271	
		8		15			7		
.730	9.831 578		9.965 551		0.034 449	9.866 027		.270	
		8		16			7		
731	9.831 586		9.965 567		0.034 433	9.866 020		269	
732	9.831 595	9	9.965 582	15	0.034 418	9.866 013	7	268	
733	9.831 603	8	9.965 597	15	0.034 403	9.866 006	7	267	
		8		15			7		
734	9.831 611		9.965 612		0.034 388	9.865 999		266	
735	9.831 619	8	9.965 627	15	0.034 373	9.865 992	7	265	
736	9.831 627	8	9.965 643	16	0.034 357	9.865 985	7	264	
		9		15			7		
737	9.831 636		9.965 658		0.034 342	9.865 978		263	
738	9.831 644	8	9.965 673	15	0.034 327	9.865 971	7	262	
739	9.831 652	8	9.965 688	15	0.034 312	9.865 964	7	261	
		8		15			7		
.740	9.831 660		9.965 703		0.034 297	9.865 957		.260	
		9		16			7		
741	9.831 669		9.965 719		0.034 281	9.865 950		259	
742	9.831 677	8	9.965 734	15	0.034 266	9.865 943	7	258	
743	9.831 685	8	9.965 749	15	0.034 251	9.865 936	7	257	
		8		15			7		
744	9.831 693		9.965 764		0.034 236	9.865 929		256	
745	9.831 701	8	9.965 779	15	0.034 221	9.865 922	7	255	
746	9.831 710	9	9.965 795	16	0.034 205	9.865 915	7	254	
		8		15			7		
747	9.831 718		9.965 810		0.034 190	9.865 908		253	
748	9.831 726	8	9.965 825	15	0.034 175	9.865 901	7	252	
749	9.831 734	8	9.965 840	15	0.034 160	9.865 894	7	251	
		8		15			7		
.750	9.831 742		9.965 855		0.034 145	9.865 887		.250	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

$47^\circ.300 - 47^\circ.250$

42°.750 — 42°.800

42°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.831 742		9.965 855		0.034 145	9.865 887		**.250**	
		9		16			7		
751	9.831 751		9.965 871		0.034 129	9.865 880		249	
		8		15			7		
752	9.831 759		9.965 886		0.034 114	9.865 873		248	
		8		15			7		
753	9.831 767		9.965 901		0.034 099	9.865 866		247	
		8		15			7		
754	9.831 775		9.965 916		0.034 084	9.865 859		246	
		8		16			7		
755	9.831 783		9.965 932		0.034 068	9.865 852		245	
		9		15			7		
756	9.831 792		9.965 947		0.034 053	9.865 845		244	
		8		15			7		
757	9.831 800		9.965 962		0.034 038	9.865 838		243	
		8		15			7		
758	9.831 808		9.965 977		0.034 023	9.865 831		242	
		8		15			7		
759	9.831 816		9.965 992		0.034 008	9.865 824		241	
		8		16			7		
.760	9.831 824		9.966 008		0.033 992	9.865 817		**.240**	
		8		15			7		
761	9.831 832		9.966 023		0.033 977	9.865 810		239	
		9		15			7		
762	9.831 841		9.966 038		0.033 962	9.865 803		238	
		8		15			7		
763	9.831 849		9.966 053		0.033 947	9.865 796		237	
		8		15			7		
764	9.831 857		9.966 068		0.033 932	9.865 789		236	
		8		16			7		
765	9.831 865		9.966 084		0.033 916	9.865 782		235	
		8		15			7		
766	9.831 873		9.966 099		0.033 901	9.865 775		234	
		9		15			7		
767	9.831 882		9.966 114		0.033 886	9.865 768		233	
		8		15			7		
768	9.831 890		9.966 129		0.033 871	9.865 761		232	
		8		15			7		
769	9.831 898		9.966 144		0.033 856	9.865 754		231	
		8		16			7		
.770	9.831 906		9.966 160		0.033 840	9.865 747		**.230**	
		8		15			7		
771	9.831 914		9.966 175		0.033 825	9.865 740		229	
		9		15			7		
772	9.831 923		9.966 190		0.033 810	9.865 733		228	
		8		15			7		
773	9.831 931		9.966 205		0.033 795	9.865 726		227	
		8		15			7		
774	9.831 939		9.966 220		0.033 780	9.865 719		226	
		8		16			7		
775	9.831 947		9.966 236		0.033 764	9.865 712		225	
		8		15			7		
776	9.831 955		9.966 251		0.033 749	9.865 705		224	
		9		15			7		
777	9.831 964		9.966 266		0.033 734	9.865 698		223	
		8		15			7		
778	9.831 972		9.966 281		0.033 719	9.865 691		222	
		8		15			7		
779	9.831 980		9.966 296		0.033 704	9.865 684		221	
		8		16			7		
.780	9.831 988		9.966 312		0.033 688	9.865 677		**.220**	
		8		15			7		
781	9.831 996		9.966 327		0.033 673	9.865 670		219	
		9		15			8		
782	9.832 005		9.966 342		0.033 658	9.865 662		218	
		8		15			7		
783	9.832 013		9.966 357		0.033 643	9.865 655		217	
		8		15			7		
784	9.832 021		9.966 372		0.033 628	9.865 648		216	
		8		16			7		
785	9.832 029		9.966 388		0.033 612	9.865 641		215	
		8		15			7		
786	9.832 037		9.966 403		0.033 597	9.865 634		214	
		9		15			7		
787	9.832 046		9.966 418		0.033 582	9.865 627		213	
		8		15			7		
788	9.832 054		9.966 433		0.033 567	9.865 620		212	
		8		15			7		
789	9.832 062		9.966 448		0.033 552	9.865 613		211	
		8		16			7		
.790	9.832 070		9.966 464		0.033 536	9.865 606		**.210**	
		8		15			7		
791	9.832 078		9.966 479		0.033 521	9.865 599		209	
		8		15			7		
792	9.832 086		9.966 494		0.033 506	9.865 592		208	
		9		15			7		
793	9.832 095		9.966 509		0.033 491	9.865 585		207	
		8		16			7		
794	9.832 103		9.966 525		0.033 475	9.865 578		206	
		8		15			7		
795	9.832 111		9.966 540		0.033 460	9.865 571		205	
		8		15			7		
796	9.832 119		9.966 555		0.033 445	9.865 564		204	
		8		15			7		
797	9.832 127		9.966 570		0.033 430	9.865 557		203	
		9		15			7		
798	9.832 136		9.966 585		0.033 415	9.865 550		202	
		8		16			7		
799	9.832 144		9.966 601		0.033 399	9.865 543		201	
		8		15			7		
.800	9.832 152		9.966 616		0.033 384	9.865 536		**.200**	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.250 — 47°.200

42°.800 — 42°.850

42°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.832 152		9.966 616		0.033 384	9.865 536		**.200**	
		8		15			7		
801	9.832 160		9.966 631		0.033 369	9.865 529		199	
802	9.832 168	8	9.966 646	15	0.033 354	9.865 522	7	198	
803	9.832 177	9	9.966 661	15	0.033 339	9.865 515	7	197	
		8		16			7		
804	9.832 185		9.966 677		0.033 323	9.865 508		196	
805	9.832 193	8	9.966 692	15	0.033 308	9.865 501	7	195	
806	9.832 201	8	9.966 707	15	0.033 293	9.865 494	7	194	
		8		15			7		
807	9.832 209		9.966 722		0.033 278	9.865 487		193	
808	9.832 217	8	9.966 737	15	0.033 263	9.865 480	7	192	
809	9.832 226	9	9.966 753	16	0.033 247	9.865 473	7	191	
		8		15			7		
.810	9.832 234		9.966 768		0.033 232	9.865 466		**.190**	
		8		15			7		
811	9.832 242		9.966 783		0.033 217	9.865 459		189	
812	9.832 250	8	9.966 798	15	0.033 202	9.865 452	7	188	
813	9.832 258	8	9.966 813	15	0.033 187	9.865 445	7	187	
		9		16			7		
814	9.832 267		9.966 829		0.033 171	9.865 438		186	
815	9.832 275	8	9.966 844	15	0.033 156	9.865 431	7	185	
816	9.832 283	8	9.966 859	15	0.033 141	9.865 424	7	184	
		8		15			7		
817	9.832 291		9.966 874		0.033 126	9.865 417		183	
818	9.832 299	8	9.966 889	15	0.033 111	9.865 410	7	182	
819	9.832 307	8	9.966 905	16	0.033 095	9.865 403	7	181	
		9		15			7		
.820	9.832 316		9.966 920		0.033 080	9.865 396		**.180**	
		8		15			7		
821	9.832 324		9.966 935		0.033 065	9.865 389		179	
822	9.832 332	8	9.966 950	15	0.033 050	9.865 382	7	178	
823	9.832 340	8	9.966 965	15	0.033 035	9.865 375	7	177	
		8		16			7		
824	9.832 348		9.966 981		0.033 019	9.865 368		176	
825	9.832 356	8	9.966 996	15	0.033 004	9.865 361	7	175	
826	9.832 365	9	9.967 011	15	0.032 989	9.865 354	7	174	
		8		15			7		
827	9.832 373		9.967 026		0.032 974	9.865 347		173	
828	9.832 381	8	9.967 041	15	0.032 959	9.865 340	7	172	
829	9.832 389	8	9.967 057	16	0.032 943	9.865 333	7	171	
		8		15			7		
.830	9.832 397		9.967 072		0.032 928	9.865 326		**.170**	
		9		15			8		
831	9.832 406		9.967 087		0.032 913	9.865 318		169	
832	9.832 414	8	9.967 102	15	0.032 898	9.865 311	7	168	
833	9.832 422	8	9.967 117	15	0.032 883	9.865 304	7	167	
		8		16			7		
834	9.832 430		9.967 133		0.032 867	9.865 297		166	
835	9.832 438	8	9.967 148	15	0.032 852	9.865 290	7	165	
836	9.832 446	8	9.967 163	15	0.032 837	9.865 283	7	164	
		9		15			7		
837	9.832 455		9.967 178		0.032 822	9.865 276		163	
838	9.832 463	8	9.967 193	15	0.032 807	9.865 269	7	162	
839	9.832 471	8	9.967 209	16	0.032 791	9.865 262	7	161	
		8		15			7		
.840	9.832 479		9.967 224		0.032 776	9.865 255		**.160**	
		8		15			7		
841	9.832 487		9.967 239		0.032 761	9.865 248		159	
842	9.832 495	8	9.967 254	15	0.032 746	9.865 241	7	158	
843	9.832 504	9	9.967 270	16	0.032 730	9.865 234	7	157	
		8		15			7		
844	9.832 512		9.967 285		0.032 715	9.865 227		156	
845	9.832 520	8	9.967 300	15	0.032 700	9.865 220	7	155	
846	9.832 528	8	9.967 315	15	0.032 685	9.865 213	7	154	
		8		15			7		
847	9.832 536		9.967 330		0.032 670	9.865 206		153	
848	9.832 545	9	9.967 346	16	0.032 654	9.865 199	7	152	
849	9.832 553	8	9.967 361	15	0.032 639	9.865 192	7	151	
		8		15			7		
.850	9.832 561		9.967 376		0.032 624	9.865 185		**.150**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.200 — 47°.150

42°.850 — 42°.900

42°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.832 561		9.967 376		0.032 624	9.865 185		.150	
		8		15			7		
851	9.832 569		9.967 391		0.032 609	9.865 178		149	
852	9.832 577	8	9.967 406	15	0.032 594	9.865 171	7	148	
853	9.832 585	8	9.967 422	16	0.032 578	9.865 164	7	147	
		9		15			7		
854	9.832 594		9.967 437		0.032 563	9.865 157		146	
855	9.832 602	8	9.967 452	15	0.032 548	9.865 150	7	145	
856	9.832 610	8	9.967 467	15	0.032 533	9.865 143	7	144	
		8		15			7		
857	9.832 618		9.967 482		0.032 518	9.865 136		143	
858	9.832 626	8	9.967 498	16	0.032 502	9.865 129	7	142	
859	9.832 634	8	9.967 513	15	0.032 487	9.865 122	7	141	
		9		15			7		
.860	9.832 643		9.967 528		0.032 472	9.865 115		.140	
		8		15			7		
861	9.832 651		9.967 543		0.032 457	9.865 108		139	
862	9.832 659	8	9.967 558	15	0.032 442	9.865 101	7	138	
863	9.832 667	8	9.967 574	16	0.032 426	9.865 094	7	137	
		8		15			8		
864	9.832 675		9.967 589		0.032 411	9.865 086		136	
865	9.832 683	8	9.967 604	15	0.032 396	9.865 079	7	135	
866	9.832 692	9	9.967 619	15	0.032 381	9.865 072	7	134	
		8		15			7		
867	9.832 700		9.967 634		0.032 366	9.865 065		133	
868	9.832 708	8	9.967 650	16	0.032 350	9.865 058	7	132	
869	9.832 716	8	9.967 665	15	0.032 335	9.865 051	7	131	
		8		15			7		
.870	9.832 724		9.967 680		0.032 320	9.865 044		.130	
		8		15			7		
871	9.832 732		9.967 695		0.032 305	9.865 037		129	
872	9.832 741	9	9.967 710	15	0.032 290	9.865 030	7	128	
873	9.832 749	8	9.967 726	16	0.032 274	9.865 023	7	127	
		8		15			7		
874	9.832 757		9.967 741		0.032 259	9.865 016		126	
875	9.832 765	8	9.967 756	15	0.032 244	9.865 009	7	125	
876	9.832 773	8	9.967 771	15	0.032 229	9.865 002	7	124	
		8		15			7		
877	9.832 781		9.967 786		0.032 214	9.864 995		123	
878	9.832 790	9	9.967 802	16	0.032 198	9.864 988	7	122	
879	9.832 798	8	9.967 817	15	0.032 183	9.864 981	7	121	
		8		15			7		
.880	9.832 806		9.967 832		0.032 168	9.864 974		.120	
		8		15			7		
881	9.832 814		9.967 847		0.032 153	9.864 967		119	
882	9.832 822	8	9.967 862	15	0.032 138	9.864 960	7	118	
883	9.832 830	8	9.967 878	16	0.032 122	9.864 953	7	117	
		9		15			7		
884	9.832 839		9.967 893		0.032 107	9.864 946		116	
885	9.832 847	8	9.967 908	15	0.032 092	9.864 939	7	115	
886	9.832 855	8	9.967 923	15	0.032 077	9.864 932	7	114	
		8		15			7		
887	9.832 863		9.967 938		0.032 062	9.864 925		113	
888	9.832 871	8	9.967 954	16	0.032 046	9.864 918	7	112	
889	9.832 879	8	9.967 969	15	0.032 031	9.864 911	7	111	
		8		15			8		
.890	9.832 887		9.967 984		0.032 016	9.864 903		.110	
		9		15			7		
891	9.832 896		9.967 999		0.032 001	9.864 896		109	
892	9.832 904	8	9.968 014	15	0.031 986	9.864 889	7	108	
893	9.832 912	8	9.968 030	16	0.031 970	9.864 882	7	107	
		8		15			7		
894	9.832 920		9.968 045		0.031 955	9.864 875		106	
895	9.832 928	8	9.968 060	15	0.031 940	9.864 868	7	105	
896	9.832 936	8	9.968 075	15	0.031 925	9.864 861	7	104	
		9		15			7		
897	9.832 945		9.968 090		0.031 910	9.864 854		103	
898	9.832 953	8	9.968 106	16	0.031 894	9.864 847	7	102	
899	9.832 961	8	9.968 121	15	0.031 879	9.864 840	7	101	
		8		15			7		
.900	9.832 969		9.968 136		0.031 864	9.864 833		.100	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

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1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
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9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.150 — 47°.100

42°.900 — 42°.950

42°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.832 969		9.968 136		0.031 864	9.864 833		**.100**	
901	9.832 977	8	9.968 151	15	0.031 849	9.864 826	7	099	
902	9.832 985	8	9.968 166	15	0.031 834	9.864 819	7	098	
903	9.832 994	9	9.968 182	16	0.031 818	9.864 812	7	097	
904	9.833 002	8	9.968 197	15	0.031 803	9.864 805	7	096	
905	9.833 010	8	9.968 212	15	0.031 788	9.864 798	7	095	
906	9.833 018	8	9.968 227	15	0.031 773	9.864 791	7	094	
907	9.833 026	8	9.968 242	15	0.031 758	9.864 784	7	093	
908	9.833 034	8	9.968 258	16	0.031 742	9.864 777	7	092	
909	9.833 042	8	9.968 273	15	0.031 727	9.864 770	7	091	
.910	9.833 051	9	9.968 288	15	0.031 712	9.864 763	7	**.090**	
911	9.833 059	8	9.968 303	15	0.031 697	9.864 756	7	089	
912	9.833 067	8	9.968 318	15	0.031 682	9.864 749	7	088	
913	9.833 075	8	9.968 334	16	0.031 666	9.864 741	8	087	
914	9.833 083	8	9.968 349	15	0.031 651	9.864 734	7	086	
915	9.833 091	8	9.968 364	15	0.031 636	9.864 727	7	085	
916	9.833 100	9	9.968 379	15	0.031 621	9.864 720	7	084	
917	9.833 108	8	9.968 394	15	0.031 606	9.864 713	7	083	
918	9.833 116	8	9.968 410	16	0.031 590	9.864 706	7	082	
919	9.833 124	8	9.968 425	15	0.031 575	9.864 699	7	081	
.920	9.833 132	8	9.968 440	15	0.031 560	9.864 692	7	**.080**	
921	9.833 140	8	9.968 455	15	0.031 545	9.864 685	7	079	
922	9.833 148	8	9.968 470	15	0.031 530	9.864 678	7	078	
923	9.833 157	9	9.968 486	16	0.031 514	9.864 671	7	077	
924	9.833 165	8	9.968 501	15	0.031 499	9.864 664	7	076	
925	9.833 173	8	9.968 516	15	0.031 484	9.864 657	7	075	
926	9.833 181	8	9.968 531	15	0.031 469	9.864 650	7	074	
927	9.833 189	8	9.968 546	15	0.031 454	9.864 643	7	073	
928	9.833 197	8	9.968 562	16	0.031 438	9.864 636	7	072	
929	9.833 205	8	9.968 577	15	0.031 423	9.864 629	7	071	
.930	9.833 214	9	9.968 592	15	0.031 408	9.864 622	7	**.070**	
931	9.833 222	8	9.968 607	15	0.031 393	9.864 615	7	069	
932	9.833 230	8	9.968 622	15	0.031 378	9.864 608	7	068	
933	9.833 238	8	9.968 638	16	0.031 362	9.864 600	8	067	
934	9.833 246	8	9.968 653	15	0.031 347	9.864 593	7	066	
935	9.833 254	8	9.968 668	15	0.031 332	9.864 586	7	065	
936	9.833 263	9	9.968 683	15	0.031 317	9.864 579	7	064	
937	9.833 271	8	9.968 698	15	0.031 302	9.864 572	7	063	
938	9.833 279	8	9.968 714	16	0.031 286	9.864 565	7	062	
939	9.833 287	8	9.968 729	15	0.031 271	9.864 558	7	061	
.940	9.833 295	8	9.968 744	15	0.031 256	9.864 551	7	**.060**	
941	9.833 303	8	9.968 759	15	0.031 241	9.864 544	7	059	
942	9.833 311	8	9.968 774	15	0.031 226	9.864 537	7	058	
943	9.833 320	9	9.968 790	16	0.031 210	9.864 530	7	057	
944	9.833 328	8	9.968 805	15	0.031 195	9.864 523	7	056	
945	9.833 336	8	9.968 820	15	0.031 180	9.864 516	7	055	
946	9.833 344	8	9.968 835	15	0.031 165	9.864 509	7	054	
947	9.833 352	8	9.968 850	15	0.031 150	9.864 502	7	053	
948	9.833 360	8	9.968 866	16	0.031 134	9.864 495	7	052	
949	9.833 368	8	9.968 881	15	0.031 119	9.864 488	7	051	
.950	9.833 377	9	9.968 896	15	0.031 104	9.864 481	7	**.050**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.100 — 47°.050

42°.950 — 43°.000

42°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.833 377		9.968 896		0.031 104	9.864 481		.050	
		8		15			7		
951	9.833 385		9.968 911		0.031 089	9.864 474		049	
952	9.833 393	8	9.968 926	15	0.031 074	9.864 466	8	048	
953	9.833 401	8	9.968 942	16	0.031 058	9.864 459	7	047	
		8		15			7		
954	9.833 409		9.968 957		0.031 043	9.864 452		046	
955	9.833 417	8	9.968 972	15	0.031 028	9.864 445	7	045	
956	9.833 425	8	9.968 987	15	0.031 013	9.864 438	7	044	
		9		15			7		
957	9.833 434		9.969 002		0.030 998	9.864 431		043	
958	9.833 442	8	9.969 018	16	0.030 982	9.864 424	7	042	
959	9.833 450	8	9.969 033	15	0.030 967	9.864 417	7	041	
		8		15			7		
.960	9.833 458		9.969 048		0.030 952	9.864 410		.040	
		8		15			7		
961	9.833 466		9.969 063		0.030 937	9.864 403		039	
962	9.833 474	8	9.969 078	15	0.030 922	9.864 396	7	038	
963	9.833 482	8	9.969 094	16	0.030 906	9.864 389	7	037	
		9		15			7		
964	9.833 491		9.969 109		0.030 891	9.864 382		036	
965	9.833 499	8	9.969 124	15	0.030 876	9.864 375	7	035	
966	9.833 507	8	9.969 139	15	0.030 861	9.864 368	7	034	
		8		15			7		
967	9.833 515		9.969 154		0.030 846	9.864 361		033	
968	9.833 523	8	9.969 170	16	0.030 830	9.864 354	7	032	
969	9.833 531	8	9.969 185	15	0.030 815	9.864 346	8	031	
		8		15			7		
.970	9.833 539		9.969 200		0.030 800	9.864 339		.030	
		8		15			7		
971	9.833 547		9.969 215		0.030 785	9.864 332		029	
972	9.833 556	9	9.969 230	15	0.030 770	9.864 325	7	028	
973	9.833 564	8	9.969 246	16	0.030 754	9.864 318	7	027	
		8		15			7		
974	9.833 572		9.969 261		0.030 739	9.864 311		026	
975	9.833 580	8	9.969 276	15	0.030 724	9.864 304	7	025	
976	9.833 588	8	9.969 291	15	0.030 709	9.864 297	7	024	
		8		15			7		
977	9.833 596		9.969 306		0.030 694	9.864 290		023	
978	9.833 604	8	9.969 322	16	0.030 678	9.864 283	7	022	
979	9.833 613	9	9.969 337	15	0.030 663	9.864 276	7	021	
		8		15			7		
.980	9.833 621		9.969 352		0.030 648	9.864 269		.020	
		8		15			7		
981	9.833 629		9.969 367		0.030 633	9.864 262		019	
982	9.833 637	8	9.969 382	15	0.030 618	9.864 255	7	018	
983	9.833 645	8	9.969 398	16	0.030 602	9.864 248	7	017	
		8		15			7		
984	9.833 653		9.969 413		0.030 587	9.864 241		016	
985	9.833 661	8	9.969 428	15	0.030 572	9.864 233	8	015	
986	9.833 670	9	9.969 443	15	0.030 557	9.864 226	7	014	
		8		15			7		
987	9.833 678		9.969 458		0.030 542	9.864 219		013	
988	9.833 686	8	9.969 474	16	0.030 526	9.864 212	7	012	
989	9.833 694	8	9.969 489	15	0.030 511	9.864 205	7	011	
		8		15			7		
.990	9.833 702		9.969 504		0.030 496	9.864 198		.010	
		8		15			7		
991	9.833 710		9.969 519		0.030 481	9.864 191		009	
992	9.833 718	8	9.969 534	15	0.030 466	9.864 184	7	008	
993	9.833 726	8	9.969 549	15	0.030 451	9.864 177	7	007	
		9		16			7		
994	9.833 735		9.969 565		0.030 435	9.864 170		006	
995	9.833 743	8	9.969 580	15	0.030 420	9.864 163	7	005	
996	9.833 751	8	9.969 595	15	0.030 405	9.864 156	7	004	
		8		15			7		
997	9.833 759		9.969 610		0.030 390	9.864 149		003	
998	9.833 767	8	9.969 625	15	0.030 375	9.864 142	7	002	
999	9.833 775	8	9.969 641	16	0.030 359	9.864 135	7	001	
		8		15			8		
*000	9.833 783		9.969 656		0.030 344	9.864 127		.000	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
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2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.050 — 47°.000

43°.000 — 43°.050

43°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.833 783	8	9.969 656	15	0.030 344	9.864 127	7	***000**	
001	9.833 791	9	9.969 671	15	0.030 329	9.864 120	7	999	
002	9.833 800	8	9.969 686	15	0.030 314	9.864 113	7	998	
003	9.833 808	8	9.969 701	16	0.030 299	9.864 106	7	997	
004	9.833 816	8	9.969 717	15	0.030 283	9.864 099	7	996	
005	9.833 824	8	9.969 732	15	0.030 268	9.864 092	7	995	
006	9.833 832	8	9.969 747	15	0.030 253	9.864 085	7	994	
007	9.833 840	8	9.969 762	15	0.030 238	9.864 078	7	993	
008	9.833 848	8	9.969 777	16	0.030 223	9.864 071	7	992	
009	9.833 856	9	9.969 793	15	0.030 207	9.864 064	7	991	
.010	9.833 865	8	9.969 808	15	0.030 192	9.864 057	7	**.990**	
011	9.833 873	8	9.969 823	15	0.030 177	9.864 050	7	989	
012	9.833 881	8	9.969 838	15	0.030 162	9.864 043	7	988	
013	9.833 889	8	9.969 853	16	0.030 147	9.864 036	8	987	
014	9.833 897	8	9.969 869	15	0.030 131	9.864 028	7	986	
015	9.833 905	8	9.969 884	15	0.030 116	9.864 021	7	985	
016	9.833 913	8	9.969 899	15	0.030 101	9.864 014	7	984	
017	9.833 921	9	9.969 914	15	0.030 086	9.864 007	7	983	
018	9.833 930	8	9.969 929	16	0.030 071	9.864 000	7	982	
019	9.833 938	8	9.969 945	15	0.030 055	9.863 993	7	981	
.020	9.833 946	8	9.969 960	15	0.030 040	9.863 986	7	**.980**	
021	9.833 954	8	9.969 975	15	0.030 025	9.863 979	7	979	
022	9.833 962	8	9.969 990	15	0.030 010	9.863 972	7	978	
023	9.833 970	8	9.970 005	16	0.029 995	9.863 965	7	977	
024	9.833 978	8	9.970 021	15	0.029 979	9.863 958	7	976	
025	9.833 986	9	9.970 036	15	0.029 964	9.863 951	7	975	
026	9.833 995	8	9.970 051	15	0.029 949	9.863 944	7	974	
027	9.834 003	8	9.970 066	15	0.029 934	9.863 937	7	973	
028	9.834 011	8	9.970 081	16	0.029 919	9.863 929	8	972	
029	9.834 019	8	9.970 097	15	0.029 903	9.863 922	7	971	
.030	9.834 027	8	9.970 112	15	0.029 888	9.863 915	7	**.970**	
031	9.834 035	8	9.970 127	15	0.029 873	9.863 908	7	969	
032	9.834 043	8	9.970 142	15	0.029 858	9.863 901	7	968	
033	9.834 051	9	9.970 157	16	0.029 843	9.863 894	7	967	
034	9.834 060	8	9.970 173	15	0.029 827	9.863 887	7	966	
035	9.834 068	8	9.970 188	15	0.029 812	9.863 880	7	965	
036	9.834 076	8	9.970 203	15	0.029 797	9.863 873	7	964	
037	9.834 084	8	9.970 218	15	0.029 782	9.863 866	7	963	
038	9.834 092	8	9.970 233	16	0.029 767	9.863 859	7	962	
039	9.834 100	8	9.970 249	15	0.029 751	9.863 852	7	961	
.040	9.834 108	8	9.970 264	15	0.029 736	9.863 845	8	**.960**	
041	9.834 116	8	9.970 279	15	0.029 721	9.863 837	7	959	
042	9.834 124	9	9.970 294	15	0.029 706	9.863 830	7	958	
043	9.834 133	8	9.970 309	15	0.029 691	9.863 823	7	957	
044	9.834 141	8	9.970 324	16	0.029 676	9.863 816	7	956	
045	9.834 149	8	9.970 340	15	0.029 660	9.863 809	7	955	
046	9.834 157	8	9.970 355	15	0.029 645	9.863 802	7	954	
047	9.834 165	8	9.970 370	15	0.029 630	9.863 795	7	953	
048	9.834 173	8	9.970 385	15	0.029 615	9.863 788	7	952	
049	9.834 181	8	9.970 400	16	0.029 600	9.863 781	7	951	
.050	9.834 189		9.970 416		0.029 584	9.863 774		**.950**	
	cos	d	cotg	d	tang	sin	d	**46°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.000 — 46°.950

43°.050 — 43°.100

43°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.834 189		9.970 416		0.029 584	9.863 774		.950	
		9		15			7		
051	9.834 198	8	9.970 431	15	0.029 569	9.863 767	7	949	
052	9.834 206	8	9.970 446	15	0.029 554	9.863 760	7	948	
053	9.834 214	8	9.970 461	15	0.029 539	9.863 752	8	947	
054	9.834 222	8	9.970 476	15	0.029 524	9.863 745	7	946	
055	9.834 230	8	9.970 492	16	0.029 508	9.863 738	7	945	
056	9.834 238	8	9.970 507	15	0.029 493	9.863 731	7	944	
057	9.834 246	8	9.970 522	15	0.029 478	9.863 724	7	943	
058	9.834 254	8	9.970 537	15	0.029 463	9.863 717	7	942	
059	9.834 262	8	9.970 552	15	0.029 448	9.863 710	7	941	
.060	9.834 271	9	9.970 568	16	0.029 432	9.863 703	7	.940	
		8		15			7		
061	9.834 279	8	9.970 583	15	0.029 417	9.863 696	7	939	
062	9.834 287	8	9.970 598	15	0.029 402	9.863 689	7	938	
063	9.834 295	8	9.970 613	15	0.029 387	9.863 682	7	937	
064	9.834 303	8	9.970 628	15	0.029 372	9.863 675	7	936	
065	9.834 311	8	9.970 644	16	0.029 356	9.863 667	8	935	
066	9.834 319	8	9.970 659	15	0.029 341	9.863 660	7	934	
067	9.834 327	8	9.970 674	15	0.029 326	9.863 653	7	933	
068	9.834 335	8	9.970 689	15	0.029 311	9.863 646	7	932	
069	9.834 344	9	9.970 704	15	0.029 296	9.863 639	7	931	
.070	9.834 352	8	9.970 720	16	0.029 280	9.863 632	7	.930	
		8		15			7		
071	9.834 360	8	9.970 735	15	0.029 265	9.863 625	7	929	
072	9.834 368	8	9.970 750	15	0.029 250	9.863 618	7	928	
073	9.834 376	8	9.970 765	15	0.029 235	9.863 611	7	927	
074	9.834 384	8	9.970 780	15	0.029 220	9.863 604	7	926	
075	9.834 392	8	9.970 796	16	0.029 204	9.863 597	7	925	
076	9.834 400	8	9.970 811	15	0.029 189	9.863 590	7	924	
077	9.834 408	8	9.970 826	15	0.029 174	9.863 582	8	923	
078	9.834 416	8	9.970 841	15	0.029 159	9.863 575	7	922	
079	9.834 425	9	9.970 856	15	0.029 144	9.863 568	7	921	
.080	9.834 433	8	9.970 871	15	0.029 129	9.863 561	7	.920	
		8		16			7		
081	9.834 441	8	9.970 887	15	0.029 113	9.863 554	7	919	
082	9.834 449	8	9.970 902	15	0.029 098	9.863 547	7	918	
083	9.834 457	8	9.970 917	15	0.029 083	9.863 540	7	917	
084	9.834 465	8	9.970 932	15	0.029 068	9.863 533	7	916	
085	9.834 473	8	9.970 947	16	0.029 053	9.863 526	7	915	
086	9.834 481	8	9.970 963	15	0.029 037	9.863 519	7	914	
087	9.834 489	9	9.970 978	15	0.029 022	9.863 512	8	913	
088	9.834 498	8	9.970 993	15	0.029 007	9.863 504	7	912	
089	9.834 506	8	9.971 008	15	0.028 992	9.863 497	7	911	
.090	9.834 514	8	9.971 023	16	0.028 977	9.863 490	7	.910	
091	9.834 522	8	9.971 039	15	0.028 961	9.863 483	7	909	
092	9.834 530	8	9.971 054	15	0.028 946	9.863 476	7	908	
093	9.834 538	8	9.971 069	15	0.028 931	9.863 469	7	907	
094	9.834 546	8	9.971 084	15	0.028 916	9.863 462	7	906	
095	9.834 554	8	9.971 099	16	0.028 901	9.863 455	7	905	
096	9.834 562	8	9.971 115	15	0.028 885	9.863 448	7	904	
097	9.834 570	9	9.971 130	15	0.028 870	9.863 441	7	903	
098	9.834 579	8	9.971 145	15	0.028 855	9.863 434	8	902	
099	9.834 587	8	9.971 160	15	0.028 840	9.863 426	7	901	
.100	9.834 595		9.971 175		0.028 825	9.863 419		.900	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.950 — 46°.900

43°.100 — 43°.150

43°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.834 595		9.971 175		0.028 825	9.863 419		.900	
		8		16			7		
101	9.834 603		9.971 191		0.028 809	9.863 412		899	
102	9.834 611	8	9.971 206	15	0.028 794	9.863 405	7	898	
103	9.834 619	8	9.971 221	15	0.028 779	9.863 398	7	897	
		8		15			7		
104	9.834 627		9.971 236		0.028 764	9.863 391		896	
105	9.834 635	8	9.971 251	15	0.028 749	9.863 384	7	895	
106	9.834 643	8	9.971 267	16	0.028 733	9.863 377	7	894	
		8		15			7		
107	9.834 651		9.971 282		0.028 718	9.863 370		893	
108	9.834 660	9	9.971 297	15	0.028 703	9.863 363	7	892	
109	9.834 668	8	9.971 312	15	0.028 688	9.863 356	7	891	
		8		15			8		
.110	9.834 676		9.971 327		0.028 673	9.863 348		.890	
		8		15			7		
111	9.834 684		9.971 342		0.028 658	9.863 341		889	
112	9.834 692	8	9.971 358	16	0.028 642	9.863 334	7	888	
113	9.834 700	8	9.971 373	15	0.028 627	9.863 327	7	887	
		8		15			7		
114	9.834 708		9.971 388		0.028 612	9.863 320		886	
115	9.834 716	8	9.971 403	15	0.028 597	9.863 313	7	885	
116	9.834 724	8	9.971 418	15	0.028 582	9.863 306	7	884	
		8		16			7		
117	9.834 732		9.971 434		0.028 566	9.863 299		883	
118	9.834 741	9	9.971 449	15	0.028 551	9.863 292	7	882	
119	9.834 749	8	9.971 464	15	0.028 536	9.863 285	7	881	
		8		15			8		
.120	9.834 757		9.971 479		0.028 521	9.863 277		.880	
		8		15			7		
121	9.834 765		9.971 494		0.028 506	9.863 270		879	
122	9.834 773	8	9.971 510	16	0.028 490	9.863 263	7	878	
123	9.834 781	8	9.971 525	15	0.028 475	9.863 256	7	877	
		8		15			7		
124	9.834 789		9.971 540		0.028 460	9.863 249		876	
125	9.834 797	8	9.971 555	15	0.028 445	9.863 242	7	875	
126	9.834 805	8	9.971 570	15	0.028 430	9.863 235	7	874	
		8		16			7		
127	9.834 813		9.971 586		0.028 414	9.863 228		873	
128	9.834 821	8	9.971 601	15	0.028 399	9.863 221	7	872	
129	9.834 830	9	9.971 616	15	0.028 384	9.863 214	7	871	
		8		15			8		
.130	9.834 838		9.971 631		0.028 369	9.863 206		.870	
		8		15			7		
131	9.834 846		9.971 646		0.028 354	9.863 199		869	
132	9.834 854	8	9.971 662	16	0.028 338	9.863 192	7	868	
133	9.834 862	8	9.971 677	15	0.028 323	9.863 185	7	867	
		8		15			7		
134	9.834 870		9.971 692		0.028 308	9.863 178		866	
135	9.834 878	8	9.971 707	15	0.028 293	9.863 171	7	865	
136	9.834 886	8	9.971 722	15	0.028 278	9.863 164	7	864	
		8		15			7		
137	9.834 894		9.971 737		0.028 263	9.863 157		863	
138	9.834 902	8	9.971 753	16	0.028 247	9.863 150	7	862	
139	9.834 910	8	9.971 768	15	0.028 232	9.863 143	7	861	
		9		15			8		
.140	9.834 919		9.971 783		0.028 217	9.863 135		.860	
		8		15			7		
141	9.834 927		9.971 798		0.028 202	9.863 128		859	
142	9.834 935	8	9.971 813	15	0.028 187	9.863 121	7	858	
143	9.834 943	8	9.971 829	16	0.028 171	9.863 114	7	857	
		8		15			7		
144	9.834 951		9.971 844		0.028 156	9.863 107		856	
145	9.834 959	8	9.971 859	15	0.028 141	9.863 100	7	855	
146	9.834 967	8	9.971 874	15	0.028 126	9.863 093	7	854	
		8		15			7		
147	9.834 975		9.971 889		0.028 111	9.863 086		853	
148	9.834 983	8	9.971 905	16	0.028 095	9.863 079	7	852	
149	9.834 991	8	9.971 920	15	0.028 080	9.863 072	7	851	
		8		15			8		
.150	9.834 999		9.971 935		0.028 065	9.863 064		.850	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.900 — 46°.850

43°.150 — 43°.200

43°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.834 999		9.971 935		0.028 065	9.863 064		.850	
		8		15			7		
151	9.835 007		9.971 950		0.028 050	9.863 057		849	
152	9.835 016	9	9.971 965	15	0.028 035	9.863 050	7	848	
153	9.835 024	8	9.971 981	16	0.028 019	9.863 043	7	847	
		8		15			7		
154	9.835 032		9.971 996		0.028 004	9.863 036		846	
155	9.835 040	8	9.972 011	15	0.027 989	9.863 029	7	845	
156	9.835 048	8	9.972 026	15	0.027 974	9.863 022	7	844	
		8		15			7		
157	9.835 056		9.972 041		0.027 959	9.863 015		843	
158	9.835 064	8	9.972 057	16	0.027 943	9.863 008	7	842	
159	9.835 072	8	9.972 072	15	0.027 928	9.863 000	8	841	
		8		15			7		
.160	9.835 080		9.972 087		0.027 913	9.862 993		.840	
		8		15			7		
161	9.835 088		9.972 102		0.027 898	9.862 986		839	
162	9.835 096	8	9.972 117	15	0.027 883	9.862 979	7	838	
163	9.835 104	8	9.972 132	15	0.027 868	9.862 972	7	837	
		9		16			7		
164	9.835 113		9.972 148		0.027 852	9.862 965		836	
165	9.835 121	8	9.972 163	15	0.027 837	9.862 958	7	835	
166	9.835 129	8	9.972 178	15	0.027 822	9.862 951	7	834	
		8		15			7		
167	9.835 137		9.972 193		0.027 807	9.862 944		833	
168	9.835 145	8	9.972 208	15	0.027 792	9.862 936	8	832	
169	9.835 153	8	9.972 224	16	0.027 776	9.862 929	7	831	
		8		15			7		
.170	9.835 161		9.972 239		0.027 761	9.862 922		.830	
		8		15			7		
171	9.835 169		9.972 254		0.027 746	9.862 915		829	
172	9.835 177	8	9.972 269	15	0.027 731	9.862 908	7	828	
173	9.835 185	8	9.972 284	15	0.027 716	9.862 901	7	827	
		8		16			7		
174	9.835 193		9.972 300		0.027 700	9.862 894		826	
175	9.835 201	8	9.972 315	15	0.027 685	9.862 887	7	825	
176	9.835 210	9	9.972 330	15	0.027 670	9.862 880	7	824	
		8		15			8		
177	9.835 218		9.972 345		0.027 655	9.862 872		823	
178	9.835 226	8	9.972 360	15	0.027 640	9.862 865	7	822	
179	9.835 234	8	9.972 376	16	0.027 624	9.862 858	7	821	
		8		15			7		
.180	9.835 242		9.972 391		0.027 609	9.862 851		.820	
		8		15			7		
181	9.835 250		9.972 406		0.027 594	9.862 844		819	
182	9.835 258	8	9.972 421	15	0.027 579	9.862 837	7	818	
183	9.835 266	8	9.972 436	15	0.027 564	9.862 830	7	817	
		8		15			7		
184	9.835 274		9.972 451		0.027 549	9.862 823		816	
185	9.835 282	8	9.972 467	16	0.027 533	9.862 816	7	815	
186	9.835 290	8	9.972 482	15	0.027 518	9.862 808	8	814	
		8		15			7		
187	9.835 298		9.972 497		0.027 503	9.862 801		813	
188	9.835 306	8	9.972 512	15	0.027 488	9.862 794	7	812	
189	9.835 315	9	9.972 527	15	0.027 473	9.862 787	7	811	
		8		16			7		
.190	9.835 323		9.972 543		0.027 457	9.862 780		.810	
		8		15			7		
191	9.835 331		9.972 558		0.027 442	9.862 773		809	
192	9.835 339	8	9.972 573	15	0.027 427	9.862 766	7	808	
193	9.835 347	8	9.972 588	15	0.027 412	9.862 759	7	807	
		8		15			7		
194	9.835 355		9.972 603		0.027 397	9.862 752		806	
195	9.835 363	8	9.972 619	16	0.027 381	9.862 744	8	805	
196	9.835 371	8	9.972 634	15	0.027 366	9.862 737	7	804	
		8		15			7		
197	9.835 379		9.972 649		0.027 351	9.862 730		803	
198	9.835 387	8	9.972 664	15	0.027 336	9.862 723	7	802	
199	9.835 395	8	9.972 679	15	0.027 321	9.862 716	7	801	
		8		16			7		
.200	9.835 403		9.972 695		0.027 305	9.862 709		.800	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.850 — 46°.800

43°.200 — 43°.250

43°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.835 403		9.972 695		0.027 305	9.862 709		**.800**	
		8		15			7		
201	9.835 411		9.972 710		0.027 290	9.862 702		799	
202	9.835 419	8	9.972 725	15	0.027 275	9.862 695	7	798	
203	9.835 428	9	9.972 740	15	0.027 260	9.862 687	7	797	
		8		15			8		
204	9.835 436		9.972 755		0.027 245	9.862 680	7	796	
205	9.835 444	8	9.972 770	15	0.027 230	9.862 673	7	795	
206	9.835 452	8	9.972 786	16	0.027 214	9.862 666	7	794	
		8		15			7		
207	9.835 460		9.972 801		0.027 199	9.862 659	7	793	
208	9.835 468	8	9.972 816	15	0.027 184	9.862 652	7	792	
209	9.835 476	8	9.972 831	15	0.027 169	9.862 645	7	791	
		8		15			7		
.210	9.835 484		9.972 846		0.027 154	9.862 638		**.790**	
		8		16			7		
211	9.835 492		9.972 862		0.027 138	9.862 631		789	
212	9.835 500	8	9.972 877	15	0.027 123	9.862 623	8	788	
213	9.835 508	8	9.972 892	15	0.027 108	9.862 616	7	787	
		8		15			7		
214	9.835 516		9.972 907		0.027 093	9.862 609		786	
215	9.835 524	8	9.972 922	15	0.027 078	9.862 602	7	785	
216	9.835 532	8	9.972 938	16	0.027 062	9.862 595	7	784	
		9		15			7		
217	9.835 541		9.972 953		0.027 047	9.862 588		783	
218	9.835 549	8	9.972 968	15	0.027 032	9.862 581	7	782	
219	9.835 557	8	9.972 983	15	0.027 017	9.862 574	7	781	
		8		15			8		
.220	9.835 565		9.972 998		0.027 002	9.862 566		**.780**	
		8		15			7		
221	9.835 573		9.973 013		0.026 987	9.862 559		779	
222	9.835 581	8	9.973 029	16	0.026 971	9.862 552	7	778	
223	9.835 589	8	9.973 044	15	0.026 956	9.862 545	7	777	
		8		15			7		
224	9.835 597		9.973 059		0.026 941	9.862 538		776	
225	9.835 605	8	9.973 074	15	0.026 926	9.862 531	7	775	
226	9.835 613	8	9.973 089	15	0.026 911	9.862 524	7	774	
		8		16			7		
227	9.835 621		9.973 105		0.026 895	9.862 517		773	
228	9.835 629	8	9.973 120	15	0.026 880	9.862 509	8	772	
229	9.835 637	8	9.973 135	15	0.026 865	9.862 502	7	771	
		8		15			7		
.230	9.835 645		9.973 150		0.026 850	9.862 495		**.770**	
		8		15			7		
231	9.835 653		9.973 165		0.026 835	9.862 488		769	
232	9.835 661	8	9.973 181	16	0.026 819	9.862 481	7	768	
233	9.835 670	9	9.973 196	15	0.026 804	9.862 474	7	767	
		8		15			7		
234	9.835 678		9.973 211		0.026 789	9.862 467		766	
235	9.835 686	8	9.973 226	15	0.026 774	9.862 460	7	765	
236	9.835 694	8	9.973 241	15	0.026 759	9.862 452	8	764	
		8		15			7		
237	9.835 702		9.973 256		0.026 744	9.862 445		763	
238	9.835 710	8	9.973 272	16	0.026 728	9.862 438	7	762	
239	9.835 718	8	9.973 287	15	0.026 713	9.862 431	7	761	
		8		15			7		
.240	9.835 726		9.973 302		0.026 698	9.862 424		**.760**	
		8		15			7		
241	9.835 734		9.973 317		0.026 683	9.862 417		759	
242	9.835 742	8	9.973 332	15	0.026 668	9.862 410	7	758	
243	9.835 750	8	9.973 348	16	0.026 652	9.862 403	7	757	
		8		15			8		
244	9.835 758		9.973 363		0.026 637	9.862 395		756	
245	9.835 766	8	9.973 378	15	0.026 622	9.862 388	7	755	
246	9.835 774	8	9.973 393	15	0.026 607	9.862 381	7	754	
		8		15			7		
247	9.835 782		9.973 408		0.026 592	9.862 374		753	
248	9.835 790	8	9.973 424	16	0.026 576	9.862 367	7	752	
249	9.835 799	9	9.973 439	15	0.026 561	9.862 360	7	751	
		8		15			7		
.250	9.835 807		9.973 454		0.026 546	9.862 353		**.750**	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.800 — 46°.750

43°.250 — 43°.300

43°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.835 807		9.973 454		0.026 546	9.862 353		.750	
251	9.835 815	8	9.973 469	15	0.026 531	9.862 345	8	749	
252	9.835 823	8	9.973 484	15	0.026 516	9.862 338	7	748	
253	9.835 831	8	9.973 500	16	0.026 500	9.862 331	7	747	
254	9.835 839	8	9.973 515	15	0.026 485	9.862 324	7	746	
255	9.835 847	8	9.973 530	15	0.026 470	9.862 317	7	745	
256	9.835 855	8	9.973 545	15	0.026 455	9.862 310	7	744	
257	9.835 863	8	9.973 560	15	0.026 440	9.862 303	7	743	
258	9.835 871	8	9.973 575	15	0.026 425	9.862 296	7	742	
259	9.835 879	8	9.973 591	16	0.026 409	9.862 288	8	741	
.260	9.835 887	8	9.973 606	15	0.026 394	9.862 281	7	.740	
261	9.835 895	8	9.973 621	15	0.026 379	9.862 274	7	739	
262	9.835 903	8	9.973 636	15	0.026 364	9.862 267	7	738	
263	9.835 911	8	9.973 651	16	0.026 349	9.862 260	7	737	
264	9.835 919	8	9.973 667	15	0.026 333	9.862 253	7	736	
265	9.835 927	8	9.973 682	15	0.026 318	9.862 246	7	735	
266	9.835 935	9	9.973 697	15	0.026 303	9.862 239	8	734	
267	9.835 944	8	9.973 712	15	0.026 288	9.862 231	7	733	
268	9.835 952	8	9.973 727	16	0.026 273	9.862 224	7	732	
269	9.835 960	8	9.973 743	15	0.026 257	9.862 217	7	731	
.270	9.835 968	8	9.973 758	15	0.026 242	9.862 210	7	.730	
271	9.835 976	8	9.973 773	15	0.026 227	9.862 203	7	729	
272	9.835 984	8	9.973 788	15	0.026 212	9.862 196	7	728	
273	9.835 992	8	9.973 803	15	0.026 197	9.862 189	7	727	
274	9.836 000	8	9.973 818	16	0.026 182	9.862 181	8	726	
275	9.836 008	8	9.973 834	15	0.026 166	9.862 174	7	725	
276	9.836 016	8	9.973 849	15	0.026 151	9.862 167	7	724	
277	9.836 024	8	9.973 864	15	0.026 136	9.862 160	7	723	
278	9.836 032	8	9.973 879	15	0.026 121	9.862 153	7	722	
279	9.836 040	8	9.973 894	15	0.026 106	9.862 146	7	721	
.280	9.836 048	8	9.973 910	16	0.026 090	9.862 139	7	.720	
281	9.836 056	8	9.973 925	15	0.026 075	9.862 131	8	719	
282	9.836 064	8	9.973 940	15	0.026 060	9.862 124	7	718	
283	9.836 072	8	9.973 955	15	0.026 045	9.862 117	7	717	
284	9.836 080	8	9.973 970	16	0.026 030	9.862 110	7	716	
285	9.836 088	8	9.973 986	15	0.026 014	9.862 103	7	715	
286	9.836 096	9	9.974 001	15	0.025 999	9.862 096	7	714	
287	9.836 105	8	9.974 016	15	0.025 984	9.862 089	8	713	
288	9.836 113	8	9.974 031	15	0.025 969	9.862 081	7	712	
289	9.836 121	8	9.974 046	15	0.025 954	9.862 074	7	711	
.290	9.836 129	8	9.974 061	16	0.025 939	9.862 067	7	.710	
291	9.836 137	8	9.974 077	15	0.025 923	9.862 060	7	709	
292	9.836 145	8	9.974 092	15	0.025 908	9.862 053	7	708	
293	9.836 153	8	9.974 107	15	0.025 893	9.862 046	7	707	
294	9.836 161	8	9.974 122	15	0.025 878	9.862 039	7	706	
295	9.836 169	8	9.974 137	16	0.025 863	9.862 032	8	705	
296	9.836 177	8	9.974 153	15	0.025 847	9.862 024	7	704	
297	9.836 185	8	9.974 168	15	0.025 832	9.862 017	7	703	
298	9.836 193	8	9.974 183	15	0.025 817	9.862 010	7	702	
299	9.836 201	8	9.974 198	15	0.025 802	9.862 003	7	701	
.300	9.836 209		9.974 213		0.025 787	9.861 996		.700	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.750 — 46°.700

43°.300 — 43°.350

43°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.836 209		9.974 213		0.025 787	9.861 996		.700	
		8		15			7		
301	9.836 217		9.974 228		0.025 772	9.861 989		699	
302	9.836 225	8	9.974 244	16	0.025 756	9.861 982	7	698	
303	9.836 233	8	9.974 259	15	0.025 741	9.861 974	8	697	
		8		15			7		
304	9.836 241		9.974 274		0.025 726	9.861 967		696	
305	9.836 249	8	9.974 289	15	0.025 711	9.861 960	7	695	
306	9.836 257	8	9.974 304	15	0.025 696	9.861 953	7	694	
		8		16			7		
307	9.836 265		9.974 320		0.025 680	9.861 946		693	
308	9.836 273	8	9.974 335	15	0.025 665	9.861 939	7	692	
309	9.836 281	8	9.974 350	15	0.025 650	9.861 931	8	691	
		9		15			7		
.310	9.836 290		9.974 365		0.025 635	9.861 924		.690	
		8		15			7		
311	9.836 298		9.974 380		0.025 620	9.861 917		689	
312	9.836 306	8	9.974 396	16	0.025 604	9.861 910	7	688	
313	9.836 314	8	9.974 411	15	0.025 589	9.861 903	7	687	
		8		15			7		
314	9.836 322		9.974 426		0.025 574	9.861 896		686	
315	9.836 330	8	9.974 441	15	0.025 559	9.861 889	7	685	
316	9.836 338	8	9.974 456	15	0.025 544	9.861 881	8	684	
		8		15			7		
317	9.836 346		9.974 471		0.025 529	9.861 874		683	
318	9.836 354	8	9.974 487	16	0.025 513	9.861 867	7	682	
319	9.836 362	8	9.974 502	15	0.025 498	9.861 860	7	681	
		8		15			7		
.320	9.836 370		9.974 517		0.025 483	9.861 853		.680	
		8		15			7		
321	9.836 378		9.974 532		0.025 468	9.861 846		679	
322	9.836 386	8	9.974 547	15	0.025 453	9.861 839	7	678	
323	9.836 394	8	9.974 563	16	0.025 437	9.861 831	8	677	
		8		15			7		
324	9.836 402		9.974 578		0.025 422	9.861 824		676	
325	9.836 410	8	9.974 593	15	0.025 407	9.861 817	7	675	
326	9.836 418	8	9.974 608	15	0.025 392	9.861 810	7	674	
		8		15			7		
327	9.836 426		9.974 623		0.025 377	9.861 803		673	
328	9.836 434	8	9.974 639	16	0.025 361	9.861 796	7	672	
329	9.836 442	8	9.974 654	15	0.025 346	9.861 789	7	671	
		8		15			8		
.330	9.836 450		9.974 669		0.025 331	9.861 781		.670	
		8		15			7		
331	9.836 458		9.974 684		0.025 316	9.861 774		669	
332	9.836 466	8	9.974 699	15	0.025 301	9.861 767	7	668	
333	9.836 474	8	9.974 714	15	0.025 286	9.861 760	7	667	
		8		16			7		
334	9.836 482		9.974 730		0.025 270	9.861 753		666	
335	9.836 490	8	9.974 745	15	0.025 255	9.861 746	7	665	
336	9.836 498	8	9.974 760	15	0.025 240	9.861 738	8	664	
		9		15			7		
337	9.836 507		9.974 775		0.025 225	9.861 731		663	
338	9.836 515	8	9.974 790	15	0.025 210	9.861 724	7	662	
339	9.836 523	8	9.974 806	16	0.025 194	9.861 717	7	661	
		8		15			7		
.340	9.836 531		9.974 821		0.025 179	9.861 710		.660	
		8		15			7		
341	9.836 539		9.974 836		0.025 164	9.861 703		659	
342	9.836 547	8	9.974 851	15	0.025 149	9.861 696	7	658	
343	9.836 555	8	9.974 866	15	0.025 134	9.861 688	8	657	
		8		15			7		
344	9.836 563		9.974 881		0.025 119	9.861 681		656	
345	9.836 571	8	9.974 897	16	0.025 103	9.861 674	7	655	
346	9.836 579	8	9.974 912	15	0.025 088	9.861 667	7	654	
		8		15			7		
347	9.836 587		9.974 927		0.025 073	9.861 660		653	
348	9.836 595	8	9.974 942	15	0.025 058	9.861 653	7	652	
349	9.836 603	8	9.974 957	15	0.025 043	9.861 645	8	651	
		8		16			7		
.350	9.836 611		9.974 973		0.025 027	9.861 638		.650	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.700 — 46°.650

43°.350 — 43°.400

43°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.836 611		9.974 973		0.025 027	9.861 638		**.650**	
		8		15			7		
351	9.836 619		9.974 988		0.025 012	9.861 631		649	
352	9.836 627	8	9.975 003	15	0.024 997	9.861 624	7	648	
353	9.836 635	8	9.975 018	15	0.024 982	9.861 617	7	647	
		8		15			7		
354	9.836 643		9.975 033		0.024 967	9.861 610		646	
355	9.836 651	8	9.975 049	16	0.024 951	9.861 603	7	645	
356	9.836 659	8	9.975 064	15	0.024 936	9.861 595	8	644	
		8		15			7		
357	9.836 667		9.975 079		0.024 921	9.861 588		643	
358	9.836 675	8	9.975 094	15	0.024 906	9.861 581	7	642	
359	9.836 683	8	9.975 109	15	0.024 891	9.861 574	7	641	
		8		15			7		
.360	9.836 691		9.975 124		0.024 876	9.861 567		**.640**	
		8		16			7		
361	9.836 699		9.975 140		0.024 860	9.861 560		639	
362	9.836 707	8	9.975 155	15	0.024 845	9.861 552	8	638	
363	9.836 715	8	9.975 170	15	0.024 830	9.861 545	7	637	
		8		15			7		
364	9.836 723		9.975 185		0.024 815	9.861 538		636	
365	9.836 731	8	9.975 200	15	0.024 800	9.861 531	7	635	
366	9.836 739	8	9.975 216	16	0.024 784	9.861 524	7	634	
		8		15			7		
367	9.836 747		9.975 231		0.024 769	9.861 517		633	
368	9.836 755	8	9.975 246	15	0.024 754	9.861 509	8	632	
369	9.836 763	8	9.975 261	15	0.024 739	9.861 502	7	631	
		8		15			7		
.370	9.836 771		9.975 276		0.024 724	9.861 495		**.630**	
		8		15			7		
371	9.836 779		9.975 291		0.024 709	9.861 488		629	
372	9.836 788	9	9.975 307	16	0.024 693	9.861 481	7	628	
373	9.836 796	8	9.975 322	15	0.024 678	9.861 474	7	627	
		8		15			7		
374	9.836 804		9.975 337		0.024 663	9.861 467		626	
375	9.836 812	8	9.975 352	15	0.024 648	9.861 459	8	625	
376	9.836 820	8	9.975 367	15	0.024 633	9.861 452	7	624	
		8		16			7		
377	9.836 828		9.975 383		0.024 617	9.861 445		623	
378	9.836 836	8	9.975 398	15	0.024 602	9.861 438	7	622	
379	9.836 844	8	9.975 413	15	0.024 587	9.861 431	7	621	
		8		15			7		
.380	9.836 852		9.975 428		0.024 572	9.861 424		**.620**	
		8		15			8		
381	9.836 860		9.975 443		0.024 557	9.861 416		619	
382	9.836 868	8	9.975 458	15	0.024 542	9.861 409	7	618	
383	9.836 876	8	9.975 474	16	0.024 526	9.861 402	7	617	
		8		15			7		
384	9.836 884		9.975 489		0.024 511	9.861 395		616	
385	9.836 892	8	9.975 504	15	0.024 496	9.861 388	7	615	
386	9.836 900	8	9.975 519	15	0.024 481	9.861 381	7	614	
		8		15			8		
387	9.836 908		9.975 534		0.024 466	9.861 373		613	
388	9.836 916	8	9.975 550	16	0.024 450	9.861 366	7	612	
389	9.836 924	8	9.975 565	15	0.024 435	9.861 359	7	611	
		8		15			7		
.390	9.836 932		9.975 580		0.024 420	9.861 352		**.610**	
		8		15			7		
391	9.836 940		9.975 595		0.024 405	9.861 345		609	
392	9.836 948	8	9.975 610	15	0.024 390	9.861 338	7	608	
393	9.836 956	8	9.975 626	16	0.024 374	9.861 330	8	607	
		8		15			7		
394	9.836 964		9.975 641		0.024 359	9.861 323		606	
395	9.836 972	8	9.975 656	15	0.024 344	9.861 316	7	605	
396	9.836 980	8	9.975 671	15	0.024 329	9.861 309	7	604	
		8		15			7		
397	9.836 988		9.975 686		0.024 314	9.861 302		603	
398	9.836 996	8	9.975 701	15	0.024 299	9.861 295	7	602	
399	9.837 004	8	9.975 717	16	0.024 283	9.861 287	8	601	
		8		15			7		
.400	9.837 012		9.975 732		0.024 268	9.861 280		**.600**	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.650 — 46°.600

43°.400 — 43°.450

43°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.837 012		9.975 732		0.024 268	9.861 280		.600	
		8		15			7		
401	9.837 020		9.975 747		0.024 253	9.861 273		599	
402	9.837 028	8	9.975 762	15	0.024 238	9.861 266	7	598	
403	9.837 036	8	9.975 777	15	0.024 223	9.861 259	7	597	
		8		16			7		
404	9.837 044		9.975 793		0.024 207	9.861 252		596	
405	9.837 052	8	9.975 808	15	0.024 192	9.861 244	8	595	
406	9.837 060	8	9.975 823	15	0.024 177	9.861 237	7	594	
		8		15			7		
407	9.837 068		9.975 838		0.024 162	9.861 230		593	
408	9.837 076	8	9.975 853	15	0.024 147	9.861 223	7	592	
409	9.837 084	8	9.975 868	15	0.024 132	9.861 216	7	591	
		8		16			7		
.410	9.837 092		9.975 884		0.024 116	9.861 209		.590	
		8		15			8		
411	9.837 100		9.975 899		0.024 101	9.861 201		589	
412	9.837 108	8	9.975 914	15	0.024 086	9.861 194	7	588	
413	9.837 116	8	9.975 929	15	0.024 071	9.861 187	7	587	
		8		15			7		
414	9.837 124		9.975 944		0.024 056	9.861 180		586	
415	9.837 132	8	9.975 960	16	0.024 040	9.861 173	7	585	
416	9.837 140	8	9.975 975	15	0.024 025	9.861 166	7	584	
		8		15			8		
417	9.837 148		9.975 990		0.024 010	9.861 158		583	
418	9.837 156	8	9.976 005	15	0.023 995	9.861 151	7	582	
419	9.837 164	8	9.976 020	15	0.023 980	9.861 144	7	581	
		8		15			7		
.420	9.837 172		9.976 035		0.023 965	9.861 137		.580	
		8		16			7		
421	9.837 180		9.976 051		0.023 949	9.861 130		579	
422	9.837 188	8	9.976 066	15	0.023 934	9.861 122	8	578	
423	9.837 196	8	9.976 081	15	0.023 919	9.861 115	7	577	
		8		15			7		
424	9.837 204		9.976 096		0.023 904	9.861 108		576	
425	9.837 212	8	9.976 111	15	0.023 889	9.861 101	7	575	
426	9.837 220	8	9.976 127	16	0.023 873	9.861 094	7	574	
		8		15			7		
427	9.837 228		9.976 142		0.023 858	9.861 087		573	
428	9.837 236	8	9.976 157	15	0.023 843	9.861 079	8	572	
429	9.837 244	8	9.976 172	15	0.023 828	9.861 072	7	571	
		8		15			7		
.430	9.837 252		9.976 187		0.023 813	9.861 065		.570	
		8		15			7		
431	9.837 260		9.976 202		0.023 798	9.861 058		569	
432	9.837 268	8	9.976 218	16	0.023 782	9.861 051	7	568	
433	9.837 276	8	9.976 233	15	0.023 767	9.861 044	7	567	
		8		15			8		
434	9.837 284		9.976 248		0.023 752	9.861 036		566	
435	9.837 292	8	9.976 263	15	0.023 737	9.861 029	7	565	
436	9.837 300	8	9.976 278	15	0.023 722	9.861 022	7	564	
		8		16			7		
437	9.837 308		9.976 294		0.023 706	9.861 015		563	
438	9.837 316	8	9.976 309	15	0.023 691	9.861 008	7	562	
439	9.837 324	8	9.976 324	15	0.023 676	9.861 001	7	561	
		8		15			8		
.440	9.837 332		9.976 339		0.023 661	9.860 993		.560	
		8		15			7		
441	9.837 340		9.976 354		0.023 646	9.860 986		559	
442	9.837 348	8	9.976 369	15	0.023 631	9.860 979	7	558	
443	9.837 356	8	9.976 385	16	0.023 615	9.860 972	7	557	
		8		15			7		
444	9.837 364		9.976 400		0.023 600	9.860 965		556	
445	9.837 372	8	9.976 415	15	0.023 585	9.860 957	8	555	
446	9.837 380	8	9.976 430	15	0.023 570	9.860 950	7	554	
		8		15			7		
447	9.837 388		9.976 445		0.023 555	9.860 943		553	
448	9.837 396	8	9.976 461	16	0.023 539	9.860 936	7	552	
449	9.837 404	8	9.976 476	15	0.023 524	9.860 929	7	551	
		8		15			7		
.450	9.837 412		9.976 491		0.023 509	9.860 922		.550	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.600 — 46°.550

43°.450 — 43°.500

43°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.837 412		9.976 491		0.023 509	9.860 922		.550	
		8		15			8		
451	9.837 420		9.976 506		0.023 494	9.860 914		549	
452	9.837 428	8	9.976 521	15	0.023 479	9.860 907	7	548	
453	9.837 436	8	9.976 536	15	0.023 464	9.860 900	7	547	
454	9.837 444	8	9.976 552	16	0.023 448	9.860 893	7	546	
455	9.837 452	8	9.976 567	15	0.023 433	9.860 886	7	545	
456	9.837 460	8	9.976 582	15	0.023 418	9.860 878	8	544	
457	9.837 468	8	9.976 597	15	0.023 403	9.860 871	7	543	
458	9.837 476	8	9.976 612	15	0.023 388	9.860 864	7	542	
459	9.837 484	8	9.976 628	16	0.023 372	9.860 857	7	541	
.460	9.837 492	8	9.976 643	15	0.023 357	9.860 850	7	.540	
461	9.837 500	8	9.976 658	15	0.023 342	9.860 843	7	539	
462	9.837 508	8	9.976 673	15	0.023 327	9.860 835	8	538	
463	9.837 516	8	9.976 688	15	0.023 312	9.860 828	7	537	
464	9.837 524	8	9.976 703	15	0.023 297	9.860 821	7	536	
465	9.837 532	8	9.976 719	16	0.023 281	9.860 814	7	535	
466	9.837 540	8	9.976 734	15	0.023 266	9.860 807	7	534	
467	9.837 548	8	9.976 749	15	0.023 251	9.860 799	8	533	
468	9.837 556	8	9.976 764	15	0.023 236	9.860 792	7	532	
469	9.837 564	8	9.976 779	15	0.023 221	9.860 785	7	531	
.470	9.837 572	8	9.976 795	16	0.023 205	9.860 778	7	.530	
471	9.837 580	8	9.976 810	15	0.023 190	9.860 771	7	529	
472	9.837 588	8	9.976 825	15	0.023 175	9.860 764	7	528	
473	9.837 596	8	9.976 840	15	0.023 160	9.860 756	8	527	
474	9.837 604	8	9.976 855	15	0.023 145	9.860 749	7	526	
475	9.837 612	8	9.976 870	15	0.023 130	9.860 742	7	525	
476	9.837 620	8	9.976 886	16	0.023 114	9.860 735	7	524	
477	9.837 628	8	9.976 901	15	0.023 099	9.860 728	7	523	
478	9.837 636	8	9.976 916	15	0.023 084	9.860 720	8	522	
479	9.837 644	8	9.976 931	15	0.023 069	9.860 713	7	521	
.480	9.837 652	8	9.976 946	15	0.023 054	9.860 706	7	.520	
481	9.837 660	8	9.976 962	16	0.023 038	9.860 699	7	519	
482	9.837 668	8	9.976 977	15	0.023 023	9.860 692	7	518	
483	9.837 676	8	9.976 992	15	0.023 008	9.860 684	8	517	
484	9.837 684	8	9.977 007	15	0.022 993	9.860 677	7	516	
485	9.837 692	8	9.977 022	15	0.022 978	9.860 670	7	515	
486	9.837 700	8	9.977 037	15	0.022 963	9.860 663	7	514	
487	9.837 708	8	9.977 053	16	0.022 947	9.860 656	7	513	
488	9.837 716	8	9.977 068	15	0.022 932	9.860 649	7	512	
489	9.837 724	8	9.977 083	15	0.022 917	9.860 641	8	511	
.490	9.837 732	8	9.977 098	15	0.022 902	9.860 634	7	.510	
491	9.837 740	8	9.977 113	15	0.022 887	9.860 627	7	509	
492	9.837 748	8	9.977 129	16	0.022 871	9.860 620	7	508	
493	9.837 756	8	9.977 144	15	0.022 856	9.860 613	7	507	
494	9.837 764	8	9.977 159	15	0.022 841	9.860 605	8	506	
495	9.837 772	8	9.977 174	15	0.022 826	9.860 598	7	505	
496	9.837 780	8	9.977 189	15	0.022 811	9.860 591	7	504	
497	9.837 788	8	9.977 204	15	0.022 796	9.860 584	7	503	
498	9.837 796	8	9.977 220	16	0.022 780	9.860 577	7	502	
499	9.837 804	8	9.977 235	15	0.022 765	9.860 569	8	501	
.500	9.837 812		9.977 250	15	0.022 750	9.860 562	7	.500	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.550 — 46°.500

43°.500 — 43°.550

43°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.837 812		9.977 250		0.022 750	9.860 562		.500	
		8		15			7		
501	9.837 820		9.977 265		0.022 735	9.860 555		499	
502	9.837 828	8	9.977 280	15	0.022 720	9.860 548	7	498	
503	9.837 836	8	9.977 296	16	0.022 704	9.860 541	7	497	
		8		15			8		
504	9.837 844		9.977 311		0.022 689	9.860 533		496	
505	9.837 852	8	9.977 326	15	0.022 674	9.860 526	7	495	
506	9.837 860	8	9.977 341	15	0.022 659	9.860 519	7	494	
		8		15			7		
507	9.837 868		9.977 356		0.022 644	9.860 512		493	
508	9.837 876	8	9.977 371	15	0.022 629	9.860 505	7	492	
509	9.837 884	8	9.977 387	16	0.022 613	9.860 497	8	491	
		8		15			7		
.510	9.837 892		9.977 402		0.022 598	9.860 490		.490	
		8		15			7		
511	9.837 900		9.977 417		0.022 583	9.860 483		489	
512	9.837 908	8	9.977 432	15	0.022 568	9.860 476	7	488	
513	9.837 916	8	9.977 447	15	0.022 553	9.860 469	7	487	
		8		16			8		
514	9.837 924		9.977 463		0.022 537	9.860 461		486	
515	9.837 932	8	9.977 478	15	0.022 522	9.860 454	7	485	
516	9.837 940	8	9.977 493	15	0.022 507	9.860 447	7	484	
		8		15			7		
517	9.837 948		9.977 508		0.022 492	9.860 440		483	
518	9.837 956	8	9.977 523	15	0.022 477	9.860 433	7	482	
519	9.837 964	8	9.977 538	15	0.022 462	9.860 425	8	481	
		8		16			7		
.520	9.837 972		9.977 554		0.022 446	9.860 418		.480	
		8		15			7		
521	9.837 980		9.977 569		0.022 431	9.860 411		479	
522	9.837 988	8	9.977 584	15	0.022 416	9.860 404	7	478	
523	9.837 996	8	9.977 599	15	0.022 401	9.860 397	7	477	
		8		15			7		
524	9.838 004		9.977 614		0.022 386	9.860 390		476	
525	9.838 012	8	9.977 630	16	0.022 370	9.860 382	8	475	
526	9.838 020	8	9.977 645	15	0.022 355	9.860 375	7	474	
		8		15			7		
527	9.838 028		9.977 660		0.022 340	9.860 368		473	
528	9.838 036	8	9.977 675	15	0.022 325	9.860 361	7	472	
529	9.838 044	8	9.977 690	15	0.022 310	9.860 354	7	471	
		8		15			8		
.530	9.838 052		9.977 705		0.022 295	9.860 346		.470	
		8		16			7		
531	9.838 060		9.977 721		0.022 279	9.860 339		469	
532	9.838 068	8	9.977 736	15	0.022 264	9.860 332	7	468	
533	9.838 076	8	9.977 751	15	0.022 249	9.860 325	7	467	
		8		15			8		
534	9.838 084		9.977 766		0.022 234	9.860 317		466	
535	9.838 092	8	9.977 781	15	0.022 219	9.860 310	7	465	
536	9.838 100	8	9.977 796	15	0.022 204	9.860 303	7	464	
		8		16			7		
537	9.838 108		9.977 812		0.022 188	9.860 296		463	
538	9.838 116	8	9.977 827	15	0.022 173	9.860 289	7	462	
539	9.838 124	8	9.977 842	15	0.022 158	9.860 281	8	461	
		7		15			7		
.540	9.838 131		9.977 857		0.022 143	9.860 274		.460	
		8		15			7		
541	9.838 139		9.977 872		0.022 128	9.860 267		459	
542	9.838 147	8	9.977 888	16	0.022 112	9.860 260	7	458	
543	9.838 155	8	9.977 903	15	0.022 097	9.860 253	7	457	
		8		15			8		
544	9.838 163		9.977 918		0.022 082	9.860 245		456	
545	9.838 171	8	9.977 933	15	0.022 067	9.860 238	7	455	
546	9.838 179	8	9.977 948	15	0.022 052	9.860 231	7	454	
		8		15			7		
547	9.838 187		9.977 963		0.022 037	9.860 224		453	
548	9.838 195	8	9.977 979	16	0.022 021	9.860 217	7	452	
549	9.838 203	8	9.977 994	15	0.022 006	9.860 209	8	451	
		8		15			7		
.550	9.838 211		9.978 009		0.021 991	9.860 202		.450	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.500 — 46°.450

43°.550 — 43°.600

43°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.838 211		9.978 009		0.021 991	9.860 202		.450	
		8		15			7		
551	9.838 219		9.978 024		0.021 976	9.860 195		449	
		8		15			7		
552	9.838 227		9.978 039		0.021 961	9.860 188		448	
		8		16			7		
553	9.838 235		9.978 055		0.021 945	9.860 181		447	
		8		15			8		
554	9.838 243		9.978 070		0.021 930	9.860 173		446	
		8		15			7		
555	9.838 251		9.978 085		0.021 915	9.860 166		445	
		8		15			7		
556	9.838 259		9.978 100		0.021 900	9.860 159		444	
		8		15			7		
557	9.838 267		9.978 115		0.021 885	9.860 152		443	
		8		15			7		
558	9.838 275		9.978 130		0.021 870	9.860 145		442	
		8		16			8		
559	9.838 283		9.978 146		0.021 854	9.860 137		441	
		8		15			7		
.560	9.838 291		9.978 161		0.021 839	9.860 130		.440	
		8		15			7		
561	9.838 299		9.978 176		0.021 824	9.860 123		439	
		8		15			7		
562	9.838 307		9.978 191		0.021 809	9.860 116		438	
		8		15			7		
563	9.838 315		9.978 206		0.021 794	9.860 109		437	
		8		15			8		
564	9.838 323		9.978 221		0.021 779	9.860 101		436	
		8		16			7		
565	9.838 331		9.978 237		0.021 763	9.860 094		435	
		8		15			7		
566	9.838 339		9.978 252		0.021 748	9.860 087		434	
		8		15			7		
567	9.838 347		9.978 267		0.021 733	9.860 080		433	
		8		15			8		
568	9.838 355		9.978 282		0.021 718	9.860 072		432	
		8		15			7		
569	9.838 363		9.978 297		0.021 703	9.860 065		431	
		8		16			7		
.570	9.838 371		9.978 313		0.021 687	9.860 058		.430	
		8		15			7		
571	9.838 379		9.978 328		0.021 672	9.860 051		429	
		8		15			7		
572	9.838 387		9.978 343		0.021 657	9.860 044		428	
		8		15			8		
573	9.838 395		9.978 358		0.021 642	9.860 036		427	
		8		15			7		
574	9.838 403		9.978 373		0.021 627	9.860 029		426	
		7		15			7		
575	9.838 410		9.978 388		0.021 612	9.860 022		425	
		8		16			7		
576	9.838 418		9.978 404		0.021 596	9.860 015		424	
		8		15			7		
577	9.838 426		9.978 419		0.021 581	9.860 008		423	
		8		15			8		
578	9.838 434		9.978 434		0.021 566	9.860 000		422	
		8		15			7		
579	9.838 442		9.978 449		0.021 551	9.859 993		421	
		8		15			7		
.580	9.838 450		9.978 464		0.021 536	9.859 986		.420	
		8		16			7		
581	9.838 458		9.978 480		0.021 520	9.859 979		419	
		8		15			7		
582	9.838 466		9.978 495		0.021 505	9.859 972		418	
		8		15			8		
583	9.838 474		9.978 510		0.021 490	9.859 964		417	
		8		15			7		
584	9.838 482		9.978 525		0.021 475	9.859 957		416	
		8		15			7		
585	9.838 490		9.978 540		0.021 460	9.859 950		415	
		8		15			7		
586	9.838 498		9.978 555		0.021 445	9.859 943		414	
		8		16			8		
587	9.838 506		9.978 571		0.021 429	9.859 935		413	
		8		15			7		
588	9.838 514		9.978 586		0.021 414	9.859 928		412	
		8		15			7		
589	9.838 522		9.978 601		0.021 399	9.859 921		411	
		8		15			7		
.590	9.838 530		9.978 616		0.021 384	9.859 914		.410	
		8		15			7		
591	9.838 538		9.978 631		0.021 369	9.859 907		409	
		8		15			8		
592	9.838 546		9.978 646		0.021 354	9.859 899		408	
		8		16			7		
593	9.838 554		9.978 662		0.021 338	9.859 892		407	
		8		15			7		
594	9.838 562		9.978 677		0.021 323	9.859 885		406	
		8		15			7		
595	9.838 570		9.978 692		0.021 308	9.859 878		405	
		8		15			7		
596	9.838 578		9.978 707		0.021 293	9.859 871		404	
		8		15			8		
597	9.838 586		9.978 722		0.021 278	9.859 863		403	
		8		16			7		
598	9.838 594		9.978 738		0.021 262	9.859 856		402	
		8		15			7		
599	9.838 602		9.978 753		0.021 247	9.859 849		401	
		8		15			7		
.600	9.838 610		9.978 768		0.021 232	9.859 842		.400	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.450 — 46°.400

43°.600 — 43°.650

43°	sin	d	tang	d	cotg	cos	d	
.600	9.838 610		9.978 768		0.021 232	9.859 842		**.400**
		8		15			8	
601	9.838 618		9.978 783		0.021 217	9.859 834		399
602	9.838 625	7	9.978 798	15	0.021 202	9.859 827	7	398
603	9.838 633	8	9.978 813	15	0.021 187	9.859 820	7	397
		8		16			7	
604	9.838 641		9.978 829		0.021 171	9.859 813		396
605	9.838 649	8	9.978 844	15	0.021 156	9.859 806	7	395
606	9.838 657	8	9.978 859	15	0.021 141	9.859 798	8	394
		8		15			7	
607	9.838 665		9.978 874		0.021 126	9.859 791		393
608	9.838 673	8	9.978 889	15	0.021 111	9.859 784	7	392
609	9.838 681	8	9.978 905	16	0.021 095	9.859 777	7	391
		8		15			8	
.610	9.838 689		9.978 920		0.021 080	9.859 769		**.390**
		8		15			7	
611	9.838 697		9.978 935		0.021 065	9.859 762		389
612	9.838 705	8	9.978 950	15	0.021 050	9.859 755	7	388
613	9.838 713	8	9.978 965	15	0.021 035	9.859 748	7	387
		8		15			7	
614	9.838 721		9.978 980		0.021 020	9.859 741		386
615	9.838 729	8	9.978 996	16	0.021 004	9.859 733	8	385
616	9.838 737	8	9.979 011	15	0.020 989	9.859 726	7	384
		8		15			7	
617	9.838 745		9.979 026		0.020 974	9.859 719		383
618	9.838 753	8	9.979 041	15	0.020 959	9.859 712	7	382
619	9.838 761	8	9.979 056	15	0.020 944	9.859 704	8	381
		8		15			7	
.620	9.838 769		9.979 071		0.020 929	9.859 697		**.380**
		8		16			7	
621	9.838 777		9.979 087		0.020 913	9.859 690		379
622	9.838 785	8	9.979 102	15	0.020 898	9.859 683	7	378
623	9.838 793	8	9.979 117	15	0.020 883	9.859 676	7	377
		8		15			8	
624	9.838 801		9.979 132		0.020 868	9.859 668		376
625	9.838 808	7	9.979 147	15	0.020 853	9.859 661	7	375
626	9.838 816	8	9.979 163	16	0.020 837	9.859 654	7	374
		8		15			7	
627	9.838 824		9.979 178		0.020 822	9.859 647		373
628	9.838 832	8	9.979 193	15	0.020 807	9.859 639	8	372
629	9.838 840	8	9.979 208	15	0.020 792	9.859 632	7	371
		8		15			7	
.630	9.838 848		9.979 223		0.020 777	9.859 625		**.370**
		8		15			7	
631	9.838 856		9.979 238		0.020 762	9.859 618		369
632	9.838 864	8	9.979 254	16	0.020 746	9.859 611	7	368
633	9.838 872	8	9.979 269	15	0.020 731	9.859 603	8	367
		8		15			7	
634	9.838 880		9.979 284		0.020 716	9.859 596		366
635	9.838 888	8	9.979 299	15	0.020 701	9.859 589	7	365
636	9.838 896	8	9.979 314	15	0.020 686	9.859 582	7	364
		8		15			8	
637	9.838 904		9.979 329		0.020 671	9.859 574		363
638	9.838 912	8	9.979 345	16	0.020 655	9.859 567	7	362
639	9.838 920	8	9.979 360	15	0.020 640	9.859 560	7	361
		8		15			7	
.640	9.838 928		9.979 375		0.020 625	9.859 553		**.360**
		8		15			8	
641	9.838 936		9.979 390		0.020 610	9.859 545		359
642	9.838 944	8	9.979 405	15	0.020 595	9.859 538	7	358
643	9.838 952	8	9.979 421	16	0.020 579	9.859 531	7	357
		8		15			7	
644	9.838 960		9.979 436		0.020 564	9.859 524		356
645	9.838 967	7	9.979 451	15	0.020 549	9.859 517	7	355
646	9.838 975	8	9.979 466	15	0.020 534	9.859 509	8	354
		8		15			7	
647	9.838 983		9.979 481		0.020 519	9.859 502		353
648	9.838 991	8	9.979 496	15	0.020 504	9.859 495	7	352
649	9.838 999	8	9.979 512	16	0.020 488	9.859 488	7	351
		8		15			8	
.650	9.839 007		9.979 527		0.020 473	9.859 480		**.350**
	cos	d	cotg	d	tang	sin	d	**46°**

P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

P.P.

46°.400 — 46°.350

43°.650 — 43°.700

43°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.839 007		9.979 527		0.020 473	9.859 480		.350	
		8		15			7		
651	9.839 015		9.979 542		0.020 458	9.859 473		349	
652	9.839 023	8	9.979 557	15	0.020 443	9.859 466	7	348	
653	9.839 031	8	9.979 572	15	0.020 428	9.859 459	7	347	
		8		15			8		
654	9.839 039		9.979 587		0.020 413	9.859 451		346	
655	9.839 047	8	9.979 603	16	0.020 397	9.859 444	7	345	
656	9.839 055	8	9.979 618	15	0.020 382	9.859 437	7	344	
		8		15			7		
657	9.839 063		9.979 633		0.020 367	9.859 430		343	
658	9.839 071	8	9.979 648	15	0.020 352	9.859 423	7	342	
659	9.839 079	8	9.979 663	15	0.020 337	9.859 415	8	341	
		8		16			7		
.660	9.839 087		9.979 679		0.020 321	9.859 408		.340	
		8		15			7		
661	9.839 095		9.979 694		0.020 306	9.859 401		339	
662	9.839 103	8	9.979 709	15	0.020 291	9.859 394	7	338	
663	9.839 110	7	9.979 724	15	0.020 276	9.859 386	8	337	
		8		15			7		
664	9.839 118		9.979 739		0.020 261	9.859 379		336	
665	9.839 126	8	9.979 754	15	0.020 246	9.859 372	7	335	
666	9.839 134	8	9.979 770	16	0.020 230	9.859 365	7	334	
		8		15			8		
667	9.839 142		9.979 785		0.020 215	9.859 357		333	
668	9.839 150	8	9.979 800	15	0.020 200	9.859 350	7	332	
669	9.839 158	8	9.979 815	15	0.020 185	9.859 343	7	331	
		8		15			7		
.670	9.839 166		9.979 830		0.020 170	9.859 336		.330	
		8		15			7		
671	9.839 174		9.979 845		0.020 155	9.859 329		329	
672	9.839 182	8	9.979 861	16	0.020 139	9.859 321	8	328	
673	9.839 190	8	9.979 876	15	0.020 124	9.859 314	7	327	
		8		15			7		
674	9.839 198		9.979 891		0.020 109	9.859 307		326	
675	9.839 206	8	9.979 906	15	0.020 094	9.859 300	7	325	
676	9.839 214	8	9.979 921	15	0.020 079	9.859 292	8	324	
		8		16			7		
677	9.839 222		9.979 937		0.020 063	9.859 285		323	
678	9.839 230	8	9.979 952	15	0.020 048	9.859 278	7	322	
679	9.839 238	8	9.979 967	15	0.020 033	9.859 271	7	321	
		7		15			8		
.680	9.839 245		9.979 982		0.020 018	9.859 263		.320	
		8		15			7		
681	9.839 253		9.979 997		0.020 003	9.859 256		319	
682	9.839 261	8	9.980 012	15	0.019 988	9.859 249	7	318	
683	9.839 269	8	9.980 028	16	0.019 972	9.859 242	7	317	
		8		15			8		
684	9.839 277		9.980 043		0.019 957	9.859 234		316	
685	9.839 285	8	9.980 058	15	0.019 942	9.859 227	7	315	
686	9.839 293	8	9.980 073	15	0.019 927	9.859 220	7	314	
		8		15			7		
687	9.839 301		9.980 088		0.019 912	9.859 213		313	
688	9.839 309	8	9.980 103	15	0.019 897	9.859 205	8	312	
689	9.839 317	8	9.980 119	16	0.019 881	9.859 198	7	311	
		8		15			7		
.690	9.839 325		9.980 134		0.019 866	9.859 191		.310	
		8		15			7		
691	9.839 333		9.980 149		0.019 851	9.859 184		309	
692	9.839 341	8	9.980 164	15	0.019 836	9.859 177	7	308	
693	9.839 349	8	9.980 179	15	0.019 821	9.859 169	8	307	
		8		16			7		
694	9.839 357		9.980 195		0.019 805	9.859 162		306	
695	9.839 364	7	9.980 210	15	0.019 790	9.859 155	7	305	
696	9.839 372	8	9.980 225	15	0.019 775	9.859 148	7	304	
		8		15			8		
697	9.839 380		9.980 240		0.019 760	9.859 140		303	
698	9.839 388	8	9.980 255	15	0.019 745	9.859 133	7	302	
699	9.839 396	8	9.980 270	15	0.019 730	9.859 126	7	301	
		8		16			7		
.700	9.839 404		9.980 286		0.019 714	9.859 119		.300	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.350 — 46°.300

43°.700 — 43°.750

43°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.839 404		9.980 286		0.019 714	9.859 119		**.300**	
		8		15			8		
701	9.839 412		9.980 301		0.019 699	9.859 111		299	
		8		15			7		
702	9.839 420		9.980 316		0.019 684	9.859 104		298	
		8		15			7		
703	9.839 428		9.980 331		0.019 669	9.859 097		297	
		8		15			7		
704	9.839 436		9.980 346		0.019 654	9.859 090		296	
		8		15			8		
705	9.839 444		9.980 361		0.019 639	9.859 082		295	
		8		16			7		
706	9.839 452		9.980 377		0.019 623	9.859 075		294	
		8		15			7		
707	9.839 460		9.980 392		0.019 608	9.859 068		293	
		8		15			7		
708	9.839 468		9.980 407		0.019 593	9.859 061		292	
		8		15			8		
709	9.839 476		9.980 422		0.019 578	9.859 053		291	
		7		15			7		
.710	9.839 483		9.980 437		0.019 563	9.859 046		**.290**	
		8		16			7		
711	9.839 491		9.980 453		0.019 547	9.859 039		289	
		8		15			7		
712	9.839 499		9.980 468		0.019 532	9.859 032		288	
		8		15			8		
713	9.839 507		9.980 483		0.019 517	9.859 024		287	
		8		15			7		
714	9.839 515		9.980 498		0.019 502	9.859 017		286	
		8		15			7		
715	9.839 523		9.980 513		0.019 487	9.859 010		285	
		8		15			7		
716	9.839 531		9.980 528		0.019 472	9.859 003		284	
		8		16			8		
717	9.839 539		9.980 544		0.019 456	9.858 995		283	
		8		15			7		
718	9.839 547		9.980 559		0.019 441	9.858 988		282	
		8		15			7		
719	9.839 555		9.980 574		0.019 426	9.858 981		281	
		8		15			7		
.720	9.839 563		9.980 589		0.019 411	9.858 974		**.280**	
		8		15			8		
721	9.839 571		9.980 604		0.019 396	9.858 966		279	
		8		15			7		
722	9.839 579		9.980 619		0.019 381	9.858 959		278	
		7		16			7		
723	9.839 586		9.980 635		0.019 365	9.858 952		277	
		8		15			7		
724	9.839 594		9.980 650		0.019 350	9.858 945		276	
		8		15			8		
725	9.839 602		9.980 665		0.019 335	9.858 937		275	
		8		15			7		
726	9.839 610		9.980 680		0.019 320	9.858 930		274	
		8		15			7		
727	9.839 618		9.980 695		0.019 305	9.858 923		273	
		8		15			7		
728	9.839 626		9.980 710		0.019 290	9.858 916		272	
		8		16			8		
729	9.839 634		9.980 726		0.019 274	9.858 908		271	
		8		15			7		
.730	9.839 642		9.980 741		0.019 259	9.858 901		**.270**	
		8		15			7		
731	9.839 650		9.980 756		0.019 244	9.858 894		269	
		8		15			7		
732	9.839 658		9.980 771		0.019 229	9.858 887		268	
		8		15			8		
733	9.839 666		9.980 786		0.019 214	9.858 879		267	
		8		16			7		
734	9.839 674		9.980 802		0.019 198	9.858 872		266	
		8		15			7		
735	9.839 682		9.980 817		0.019 183	9.858 865		265	
		8		15			7		
736	9.839 690		9.980 832		0.019 168	9.858 858		264	
		7		15			8		
737	9.839 697		9.980 847		0.019 153	9.858 850		263	
		8		15			7		
738	9.839 705		9.980 862		0.019 138	9.858 843		262	
		8		15			7		
739	9.839 713		9.980 877		0.019 123	9.858 836		261	
		8		16			7		
.740	9.839 721		9.980 893		0.019 107	9.858 829		**.260**	
		8		15			8		
741	9.839 729		9.980 908		0.019 092	9.858 821		259	
		8		15			7		
742	9.839 737		9.980 923		0.019 077	9.858 814		258	
		8		15			7		
743	9.839 745		9.980 938		0.019 062	9.858 807		257	
		8		15			7		
744	9.839 753		9.980 953		0.019 047	9.858 800		256	
		8		15			8		
745	9.839 761		9.980 968		0.019 032	9.858 792		255	
		8		16			7		
746	9.839 769		9.980 984		0.019 016	9.858 785		254	
		8		15			7		
747	9.839 777		9.980 999		0.019 001	9.858 778		253	
		8		15			7		
748	9.839 785		9.981 014		0.018 986	9.858 771		252	
		7		15			8		
749	9.839 792		9.981 029		0.018 971	9.858 763		251	
		8		15			7		
.750	9.839 800		9.981 044		0.018 956	9.858 756		**.250**	
	cos	d	cotg	d	tang	sin	d	**46°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.300 — 46°.250

43°.750 — 43°.800

43°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.839 800		9.981 044		0.018 956	9.858 756		.250	
		8		15			7		
751	9.839 808		9.981 059		0.018 941	9.858 749		249	
752	9.839 816	8	9.981 075	16	0.018 925	9.858 742	7	248	
753	9.839 824	8	9.981 090	15	0.018 910	9.858 734	8	247	
		8		15			7		
754	9.839 832		9.981 105		0.018 895	9.858 727		246	
755	9.839 840	8	9.981 120	15	0.018 880	9.858 720	7	245	
756	9.839 848	8	9.981 135	15	0.018 865	9.858 713	7	244	
		8		16			8		
757	9.839 856		9.981 151		0.018 849	9.858 705		243	
758	9.839 864	8	9.981 166	15	0.018 834	9.858 698	7	242	
759	9.839 872	8	9.981 181	15	0.018 819	9.858 691	7	241	
		8		15			8		
.760	9.839 880		9.981 196		0.018 804	9.858 683		.240	
		7		15			7		
761	9.839 887		9.981 211		0.018 789	9.858 676		239	
762	9.839 895	8	9.981 226	15	0.018 774	9.858 669	7	238	
763	9.839 903	8	9.981 242	16	0.018 758	9.858 662	7	237	
		8		15			8		
764	9.839 911		9.981 257		0.018 743	9.858 654		236	
765	9.839 919	8	9.981 272	15	0.018 728	9.858 647	7	235	
766	9.839 927	8	9.981 287	15	0.018 713	9.858 640	7	234	
		8		15			7		
767	9.839 935		9.981 302		0.018 698	9.858 633		233	
768	9.839 943	8	9.981 317	15	0.018 683	9.858 625	8	232	
769	9.839 951	8	9.981 333	16	0.018 667	9.858 618	7	231	
		8		15			7		
.770	9.839 959		9.981 348		0.018 652	9.858 611		.230	
		8		15			7		
771	9.839 967		9.981 363		0.018 637	9.858 604		229	
772	9.839 975	8	9.981 378	15	0.018 622	9.858 596	8	228	
773	9.839 982	7	9.981 393	15	0.018 607	9.858 589	7	227	
		8		15			7		
774	9.839 990		9.981 408		0.018 592	9.858 582		226	
775	9.839 998	8	9.981 424	16	0.018 576	9.858 575	7	225	
776	9.840 006	8	9.981 439	15	0.018 561	9.858 567	8	224	
		8		15			7		
777	9.840 014		9.981 454		0.018 546	9.858 560		223	
778	9.840 022	8	9.981 469	15	0.018 531	9.858 553	7	222	
779	9.840 030	8	9.981 484	15	0.018 516	9.858 546	7	221	
		8		16			8		
.780	9.840 038		9.981 500		0.018 500	9.858 538		.220	
		8		15			7		8 | 7
781	9.840 046		9.981 515		0.018 485	9.858 531		219	1 | 0.8 | 0.7
782	9.840 054	8	9.981 530	15	0.018 470	9.858 524	7	218	2 | 1.6 | 1.4
783	9.840 062	8	9.981 545	15	0.018 455	9.858 516	8	217	3 | 2.4 | 2.1
		7		15			7		4 | 3.2 | 2.8
784	9.840 069		9.981 560		0.018 440	9.858 509		216	5 | 4.0 | 3.5
785	9.840 077	8	9.981 575	15	0.018 425	9.858 502	7	215	6 | 4.8 | 4.2
786	9.840 085	8	9.981 591	16	0.018 409	9.858 495	7	214	7 | 5.6 | 4.9
		8		15			8		8 | 6.4 | 5.6
787	9.840 093		9.981 606		0.018 394	9.858 487		213	9 | 7.2 | 6.3
788	9.840 101	8	9.981 621	15	0.018 379	9.858 480	7	212	
789	9.840 109	8	9.981 636	15	0.018 364	9.858 473	7	211	
		8		15			7		
.790	9.840 117		9.981 651		0.018 349	9.858 466		.210	
		8		15			8		
791	9.840 125		9.981 666		0.018 334	9.858 458		209	
792	9.840 133	8	9.981 682	16	0.018 318	9.858 451	7	208	
793	9.840 141	8	9.981 697	15	0.018 303	9.858 444	7	207	
		8		15			7		
794	9.840 149		9.981 712		0.018 288	9.858 437		206	
795	9.840 156	7	9.981 727	15	0.018 273	9.858 429	8	205	
796	9.840 164	8	9.981 742	15	0.018 258	9.858 422	7	204	
		8		15			7		
797	9.840 172		9.981 757		0.018 243	9.858 415		203	
798	9.840 180	8	9.981 773	16	0.018 227	9.858 407	8	202	
799	9.840 188	8	9.981 788	15	0.018 212	9.858 400	7	201	
		8		15			7		
.800	9.840 196		9.981 803		0.018 197	9.858 393		.200	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

46°.250 — 46°.200

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

43°.800 — 43°.850

43°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.840 196		9.981 803		0.018 197	9.858 393		**.200**	
		8		15			7		
801	9.840 204		9.981 818		0.018 182	9.858 386		199	
802	9.840 212	8	9.981 833	15	0.018 167	9.858 378	8	198	
803	9.840 220	8	9.981 849	16	0.018 151	9.858 371	7	197	
		8		15			7		
804	9.840 228		9.981 864		0.018 136	9.858 364		196	
805	9.840 235	7	9.981 879	15	0.018 121	9.858 357	7	195	
806	9.840 243	8	9.981 894	15	0.018 106	9.858 349	8	194	
		8		15			7		
807	9.840 251		9.981 909		0.018 091	9.858 342		193	
808	9.840 259	8	9.981 924	15	0.018 076	9.858 335	7	192	
809	9.840 267	8	9.981 940	16	0.018 060	9.858 328	7	191	
		8		15			8		
.810	9.840 275		9.981 955		0.018 045	9.858 320		**.190**	
		8		15			7		
811	9.840 283		9.981 970		0.018 030	9.858 313		189	
812	9.840 291	8	9.981 985	15	0.018 015	9.858 306	7	188	
813	9.840 299	8	9.982 000	15	0.018 000	9.858 298	8	187	
		8		15			7		
814	9.840 307		9.982 015		0.017 985	9.858 291		186	
815	9.840 314	7	9.982 031	16	0.017 969	9.858 284	7	185	
816	9.840 322	8	9.982 046	15	0.017 954	9.858 277	7	184	
		8		15			8		
817	9.840 330		9.982 061		0.017 939	9.858 269		183	
818	9.840 338	8	9.982 076	15	0.017 924	9.858 262	7	182	
819	9.840 346	8	9.982 091	15	0.017 909	9.858 255	7	181	
		8		15			7		
.820	9.840 354		9.982 106		0.017 894	9.858 248		**.180**	
		8		16			8		
821	9.840 362		9.982 122		0.017 878	9.858 240		179	
822	9.840 370	8	9.982 137	15	0.017 863	9.858 233	7	178	
823	9.840 378	8	9.982 152	15	0.017 848	9.858 226	7	177	
		8		15			8		
824	9.840 386		9.982 167		0.017 833	9.858 218		176	
825	9.840 393	7	9.982 182	15	0.017 818	9.858 211	7	175	
826	9.840 401	8	9.982 197	15	0.017 803	9.858 204	7	174	
		8		16			7		
827	9.840 409		9.982 213		0.017 787	9.858 197		173	
828	9.840 417	8	9.982 228	15	0.017 772	9.858 189	8	172	
829	9.840 425	8	9.982 243	15	0.017 757	9.858 182	7	171	
		8		15			7		
.830	9.840 433		9.982 258		0.017 742	9.858 175		**.170**	
		8		15			8		8 | 7
831	9.840 441		9.982 273		0.017 727	9.858 167		169	1 | 0.8 | 0.7
832	9.840 449	8	9.982 289	16	0.017 711	9.858 160	7	168	2 | 1.6 | 1.4
833	9.840 457	8	9.982 304	15	0.017 696	9.858 153	7	167	3 | 2.4 | 2.1
		8		15			7		4 | 3.2 | 2.8
834	9.840 465		9.982 319		0.017 681	9.858 146		166	5 | 4.0 | 3.5
835	9.840 472	7	9.982 334	15	0.017 666	9.858 138	8	165	6 | 4.8 | 4.2
836	9.840 480	8	9.982 349	15	0.017 651	9.858 131	7	164	7 | 5.6 | 4.9
		8		15			7		8 | 6.4 | 5.6
837	9.840 488		9.982 364		0.017 636	9.858 124		163	9 | 7.2 | 6.3
838	9.840 496	8	9.982 380	16	0.017 620	9.858 117	7	162	
839	9.840 504	8	9.982 395	15	0.017 605	9.858 109	8	161	
		8		15			7		
.840	9.840 512		9.982 410		0.017 590	9.858 102		**.160**	
		8		15			7		
841	9.840 520		9.982 425		0.017 575	9.858 095		159	
842	9.840 528	8	9.982 440	15	0.017 560	9.858 087	8	158	
843	9.840 536	8	9.982 455	15	0.017 545	9.858 080	7	157	
		7		16			7		
844	9.840 543		9.982 471		0.017 529	9.858 073		156	
845	9.840 551	8	9.982 486	15	0.017 514	9.858 066	7	155	
846	9.840 559	8	9.982 501	15	0.017 499	9.858 058	8	154	
		8		15			7		
847	9.840 567		9.982 516		0.017 484	9.858 051		153	
848	9.840 575	8	9.982 531	15	0.017 469	9.858 044	7	152	
849	9.840 583	8	9.982 546	15	0.017 454	9.858 036	8	151	
		8		16			7		
.850	9.840 591		9.982 562		0.017 438	9.858 029		**.150**	
	cos	d	cotg	d	tang	sin	d	**46°**	P.P.

46°.200 — 46°.150

16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

43°.850 — 43°.900

43°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.840 591		9.982 562		0.017 438	9.858 029		**.150**	
		8		15			7		
851	9.840 599		9.982 577		0.017 423	9.858 022		149	
852	9.840 607	8	9.982 592	15	0.017 408	9.858 015	7	148	
853	9.840 614	7	9.982 607	15	0.017 393	9.858 007	8	147	
		8		15			7		
854	9.840 622		9.982 622		0.017 378	9.858 000		146	
855	9.840 630	8	9.982 637	15	0.017 363	9.857 993	7	145	
856	9.840 638	8	9.982 653	16	0.017 347	9.857 985	8	144	
		8		15			7		
857	9.840 646		9.982 668		0.017 332	9.857 978		143	
858	9.840 654	8	9.982 683	15	0.017 317	9.857 971	7	142	
859	9.840 662	8	9.982 698	15	0.017 302	9.857 964	7	141	
		8		15			8		
.860	9.840 670		9.982 713		0.017 287	9.857 956		**.140**	
		8		16			7		
861	9.840 678		9.982 729		0.017 271	9.857 949		139	
862	9.840 685	7	9.982 744	15	0.017 256	9.857 942	7	138	
863	9.840 693	8	9.982 759	15	0.017 241	9.857 935	7	137	
		8		15			8		
864	9.840 701		9.982 774		0.017 226	9.857 927		136	
865	9.840 709	8	9.982 789	15	0.017 211	9.857 920	7	135	
866	9.840 717	8	9.982 804	15	0.017 196	9.857 913	7	134	
		8		16			8		
867	9.840 725		9.982 820		0.017 180	9.857 905		133	
868	9.840 733	8	9.982 835	15	0.017 165	9.857 898	7	132	
869	9.840 741	8	9.982 850	15	0.017 150	9.857 891	7	131	
		8		15			7		
.870	9.840 749		9.982 865		0.017 135	9.857 884		**.130**	
		7		15			8		
871	9.840 756		9.982 880		0.017 120	9.857 876		129	
872	9.840 764	8	9.982 895	15	0.017 105	9.857 869	7	128	
873	9.840 772	8	9.982 911	16	0.017 089	9.857 862	7	127	
		8		15			8		
874	9.840 780		9.982 926		0.017 074	9.857 854		126	
875	9.840 788	8	9.982 941	15	0.017 059	9.857 847	7	125	
876	9.840 796	8	9.982 956	15	0.017 044	9.857 840	7	124	
		8		15			8		
877	9.840 804		9.982 971		0.017 029	9.857 832		123	
878	9.840 812	8	9.982 986	15	0.017 014	9.857 825	7	122	
879	9.840 820	8	9.983 002	16	0.016 998	9.857 818	7	121	
		7		15			7		
.880	9.840 827		9.983 017		0.016 983	9.857 811		**.120**	
		8		15			8		
881	9.840 835		9.983 032		0.016 968	9.857 803		119	
882	9.840 843	8	9.983 047	15	0.016 953	9.857 796	7	118	
883	9.840 851	8	9.983 062	15	0.016 938	9.857 789	7	117	
		8		15			8		
884	9.840 859		9.983 077		0.016 923	9.857 781		116	
885	9.840 867	8	9.983 093	16	0.016 907	9.857 774	7	115	
886	9.840 875	8	9.983 108	15	0.016 892	9.857 767	7	114	
		8		15			7		
887	9.840 883		9.983 123		0.016 877	9.857 760		113	
888	9.840 890	7	9.983 138	15	0.016 862	9.857 752	8	112	
889	9.840 898	8	9.983 153	15	0.016 847	9.857 745	7	111	
		8		15			7		
.890	9.840 906		9.983 168		0.016 832	9.857 738		**.110**	
		8		16			8		
891	9.840 914		9.983 184		0.016 816	9.857 730		109	
892	9.840 922	8	9.983 199	15	0.016 801	9.857 723	7	108	
893	9.840 930	8	9.983 214	15	0.016 786	9.857 716	7	107	
		8		15			7		
894	9.840 938		9.983 229		0.016 771	9.857 709		106	
895	9.840 946	8	9.983 244	15	0.016 756	9.857 701	8	105	
896	9.840 953	7	9.983 260	16	0.016 740	9.857 694	7	104	
		8		15			7		
897	9.840 961		9.983 275		0.016 725	9.857 687		103	
898	9.840 969	8	9.983 290	15	0.016 710	9.857 679	8	102	
899	9.840 977	8	9.983 305	15	0.016 695	9.857 672	7	101	
		8		15			7		
.900	9.840 985		9.983 320		0.016 680	9.857 665		**.100**	
	cos	d	cotg	d	tang	sin	d	**46°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.150 — 46°.100

43°.900 — 43°.950

43°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.840 985		9.983 320		0.016 680	9.857 665		.100	
901	9.840 993	8	9.983 335	15	0.016 665	9.857 657	8	099	
902	9.841 001	8	9.983 351	16	0.016 649	9.857 650	7	098	
903	9.841 009	8	9.983 366	15	0.016 634	9.857 643	7	097	
904	9.841 016	7	9.983 381	15	0.016 619	9.857 636	7	096	
905	9.841 024	8	9.983 396	15	0.016 604	9.857 628	8	095	
906	9.841 032	8	9.983 411	15	0.016 589	9.857 621	7	094	
907	9.841 040	8	9.983 426	15	0.016 574	9.857 614	7	093	
908	9.841 048	8	9.983 442	16	0.016 558	9.857 606	8	092	
909	9.841 056	8	9.983 457	15	0.016 543	9.857 599	7	091	
.910	9.841 064	8	9.983 472	15	0.016 528	9.857 592	7	.090	
911	9.841 072	8	9.983 487	15	0.016 513	9.857 585	7	089	
912	9.841 079	7	9.983 502	15	0.016 498	9.857 577	8	088	
913	9.841 087	8	9.983 517	16	0.016 483	9.857 570	7	087	
914	9.841 095	8	9.983 533	15	0.016 467	9.857 563	7	086	
915	9.841 103	8	9.983 548	15	0.016 452	9.857 555	8	085	
916	9.841 111	8	9.983 563	15	0.016 437	9.857 548	7	084	
917	9.841 119	8	9.983 578	15	0.016 422	9.857 541	7	083	
918	9.841 127	8	9.983 593	15	0.016 407	9.857 533	8	082	
919	9.841 135	8	9.983 608	15	0.016 392	9.857 526	7	081	
.920	9.841 142	7	9.983 624	16	0.016 376	9.857 519	7	.080	
921	9.841 150	8	9.983 639	15	0.016 361	9.857 512	7	079	
922	9.841 158	8	9.983 654	15	0.016 346	9.857 504	8	078	
923	9.841 166	8	9.983 669	15	0.016 331	9.857 497	7	077	
924	9.841 174	8	9.983 684	15	0.016 316	9.857 490	7	076	
925	9.841 182	8	9.983 699	15	0.016 301	9.857 482	8	075	
926	9.841 190	8	9.983 715	16	0.016 285	9.857 475	7	074	
927	9.841 198	8	9.983 730	15	0.016 270	9.857 468	7	073	
928	9.841 205	7	9.983 745	15	0.016 255	9.857 460	8	072	
929	9.841 213	8	9.983 760	15	0.016 240	9.857 453	7	071	
.930	9.841 221	8	9.983 775	15	0.016 225	9.857 446	7	.070	
931	9.841 229	8	9.983 790	15	0.016 210	9.857 439	7	069	
932	9.841 237	8	9.983 806	16	0.016 194	9.857 431	8	068	
933	9.841 245	8	9.983 821	15	0.016 179	9.857 424	7	067	
934	9.841 253	8	9.983 836	15	0.016 164	9.857 417	7	066	
935	9.841 260	7	9.983 851	15	0.016 149	9.857 409	8	065	
936	9.841 268	8	9.983 866	15	0.016 134	9.857 402	7	064	
937	9.841 276	8	9.983 882	16	0.016 118	9.857 395	7	063	
938	9.841 284	8	9.983 897	15	0.016 103	9.857 387	8	062	
939	9.841 292	8	9.983 912	15	0.016 088	9.857 380	7	061	
.940	9.841 300	8	9.983 927	15	0.016 073	9.857 373	7	.060	
941	9.841 308	8	9.983 942	15	0.016 058	9.857 366	7	059	
942	9.841 316	8	9.983 957	15	0.016 043	9.857 358	8	058	
943	9.841 323	7	9.983 973	16	0.016 027	9.857 351	7	057	
944	9.841 331	8	9.983 988	15	0.016 012	9.857 344	7	056	
945	9.841 339	8	9.984 003	15	0.015 997	9.857 336	8	055	
946	9.841 347	8	9.984 018	15	0.015 982	9.857 329	7	054	
947	9.841 355	8	9.984 033	15	0.015 967	9.857 322	7	053	
948	9.841 363	8	9.984 048	15	0.015 952	9.857 314	8	052	
949	9.841 371	8	9.984 064	16	0.015 936	9.857 307	7	051	
.950	9.841 378	7	9.984 079	15	0.015 921	9.857 300	7	.050	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.100 — 46°.050

43°.950 — 44°.000

43°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.841 378		9.984 079		0.015 921	9.857 300		.050	
951	9.841 386	8	9.984 094	15	0.015 906	9.857 292	8	049	
952	9.841 394	8	9.984 109	15	0.015 891	9.857 285	7	048	
953	9.841 402	8	9.984 124	15	0.015 876	9.857 278	7	047	
954	9.841 410	8	9.984 139	15	0.015 861	9.857 271	7	046	
955	9.841 418	8	9.984 155	16	0.015 845	9.857 263	8	045	
956	9.841 426	8	9.984 170	15	0.015 830	9.857 256	7	044	
957	9.841 434	8	9.984 185	15	0.015 815	9.857 249	7	043	
958	9.841 441	7	9.984 200	15	0.015 800	9.857 241	8	042	
959	9.841 449	8	9.984 215	15	0.015 785	9.857 234	7	041	
.960	9.841 457	8	9.984 230	15	0.015 770	9.857 227	7	.040	
961	9.841 465	8	9.984 246	16	0.015 754	9.857 219	8	039	
962	9.841 473	8	9.984 261	15	0.015 739	9.857 212	7	038	
963	9.841 481	8	9.984 276	15	0.015 724	9.857 205	7	037	
964	9.841 489	8	9.984 291	15	0.015 709	9.857 197	8	036	
965	9.841 496	7	9.984 306	15	0.015 694	9.857 190	7	035	
966	9.841 504	8	9.984 321	15	0.015 679	9.857 183	7	034	
967	9.841 512	8	9.984 337	16	0.015 663	9.857 176	7	033	
968	9.841 520	8	9.984 352	15	0.015 648	9.857 168	8	032	
969	9.841 528	8	9.984 367	15	0.015 633	9.857 161	7	031	
.970	9.841 536	8	9.984 382	15	0.015 618	9.857 154	7	.030	
971	9.841 544	8	9.984 397	15	0.015 603	9.857 146	8	029	
972	9.841 551	7	9.984 412	15	0.015 588	9.857 139	7	028	
973	9.841 559	8	9.984 428	16	0.015 572	9.857 132	7	027	
974	9.841 567	8	9.984 443	15	0.015 557	9.857 124	8	026	
975	9.841 575	8	9.984 458	15	0.015 542	9.857 117	7	025	
976	9.841 583	8	9.984 473	15	0.015 527	9.857 110	7	024	
977	9.841 591	8	9.984 488	15	0.015 512	9.857 102	8	023	
978	9.841 599	8	9.984 503	15	0.015 497	9.857 095	7	022	
979	9.841 606	7	9.984 519	16	0.015 481	9.857 088	7	021	
.980	9.841 614	8	9.984 534	15	0.015 466	9.857 080	8	.020	
981	9.841 622	8	9.984 549	15	0.015 451	9.857 073	7	019	
982	9.841 630	8	9.984 564	15	0.015 436	9.857 066	7	018	
983	9.841 638	8	9.984 579	15	0.015 421	9.857 058	8	017	
984	9.841 646	8	9.984 594	15	0.015 406	9.857 051	7	016	
985	9.841 654	8	9.984 610	16	0.015 390	9.857 044	7	015	
986	9.841 661	7	9.984 625	15	0.015 375	9.857 037	7	014	
987	9.841 669	8	9.984 640	15	0.015 360	9.857 029	8	013	
988	9.841 677	8	9.984 655	15	0.015 345	9.857 022	7	012	
989	9.841 685	8	9.984 670	15	0.015 330	9.857 015	7	011	
.990	9.841 693	8	9.984 685	16	0.015 315	9.857 007	8	.010	
991	9.841 701	7	9.984 701	15	0.015 299	9.857 000	7	009	
992	9.841 708	8	9.984 716	15	0.015 284	9.856 993	7	008	
993	9.841 716	8	9.984 731	15	0.015 269	9.856 985	8	007	
994	9.841 724	8	9.984 746	15	0.015 254	9.856 978	7	006	
995	9.841 732	8	9.984 761	16	0.015 239	9.856 971	7	005	
996	9.841 740	8	9.984 777	15	0.015 223	9.856 963	8	004	
997	9.841 748	8	9.984 792	15	0.015 208	9.856 956	7	003	
998	9.841 756	7	9.984 807	15	0.015 193	9.856 949	7	002	
999	9.841 763	8	9.984 822	15	0.015 178	9.856 941	8	001	
*000	9.841 771		9.984 837		0.015 163	9.856 934	7	.000	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.050 — 46°.000

44°.000 — 44°.050

44°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.841 771		9.984 837		0.015 163	9.856 934		*000	
		8		15			7		
001	9.841 779		9.984 852		0.015 148	9.856 927		999	
002	9.841 787	8	9.984 868	16	0.015 132	9.856 919	8	998	
003	9.841 795	8	9.984 883	15	0.015 117	9.856 912	7	997	
		8		15			7		
004	9.841 803		9.984 898		0.015 102	9.856 905		996	
005	9.841 811	8	9.984 913	15	0.015 087	9.856 897	8	995	
006	9.841 818	7	9.984 928	15	0.015 072	9.856 890	7	994	
		8		15			7		
007	9.841 826		9.984 943		0.015 057	9.856 883		993	
008	9.841 834	8	9.984 959	16	0.015 041	9.856 876	7	992	
009	9.841 842	8	9.984 974	15	0.015 026	9.856 868	8	991	
		8		15			7		
.010	9.841 850		9.984 989		0.015 011	9.856 861		.990	
		8		15			7		
011	9.841 858		9.985 004		0.014 996	9.856 854		989	
012	9.841 865	7	9.985 019	15	0.014 981	9.856 846	8	988	
013	9.841 873	8	9.985 034	15	0.014 966	9.856 839	7	987	
		8		16			7		
014	9.841 881		9.985 050		0.014 950	9.856 832		986	
015	9.841 889	8	9.985 065	15	0.014 935	9.856 824	8	985	
016	9.841 897	8	9.985 080	15	0.014 920	9.856 817	7	984	
		8		15			7		
017	9.841 905		9.985 095		0.014 905	9.856 810		983	
018	9.841 913	8	9.985 110	15	0.014 890	9.856 802	8	982	
019	9.841 920	7	9.985 125	15	0.014 875	9.856 795	7	981	
		8		16			7		
.020	9.841 928		9.985 141		0.014 859	9.856 788		.980	
		8		15			8		
021	9.841 936		9.985 156		0.014 844	9.856 780		979	
022	9.841 944	8	9.985 171	15	0.014 829	9.856 773	7	978	
023	9.841 952	8	9.985 186	15	0.014 814	9.856 766	7	977	
		8		15			8		
024	9.841 960		9.985 201		0.014 799	9.856 758		976	
025	9.841 967	7	9.985 216	15	0.014 784	9.856 751	7	975	
026	9.841 975	8	9.985 232	16	0.014 768	9.856 744	7	974	
		8		15			8		
027	9.841 983		9.985 247		0.014 753	9.856 736		973	
028	9.841 991	8	9.985 262	15	0.014 738	9.856 729	7	972	
029	9.841 999	8	9.985 277	15	0.014 723	9.856 722	7	971	
		8		15			8		
.030	9.842 007		9.985 292		0.014 708	9.856 714		.970	
		7		15			7		
031	9.842 014		9.985 307		0.014 693	9.856 707		969	
032	9.842 022	8	9.985 323	16	0.014 677	9.856 700	7	968	
033	9.842 030	8	9.985 338	15	0.014 662	9.856 692	8	967	
		8		15			7		
034	9.842 038		9.985 353		0.014 647	9.856 685		966	
035	9.842 046	8	9.985 368	15	0.014 632	9.856 678	7	965	
036	9.842 054	8	9.985 383	15	0.014 617	9.856 670	8	964	
		8		15			7		
037	9.842 062		9.985 398		0.014 602	9.856 663		963	
038	9.842 069	7	9.985 414	16	0.014 586	9.856 656	7	962	
039	9.842 077	8	9.985 429	15	0.014 571	9.856 648	8	961	
		8		15			7		
.040	9.842 085		9.985 444		0.014 556	9.856 641		.960	
		8		15			7		
041	9.842 093		9.985 459		0.014 541	9.856 634		959	
042	9.842 101	8	9.985 474	15	0.014 526	9.856 626	8	958	
043	9.842 109	8	9.985 489	15	0.014 511	9.856 619	7	957	
		7		16			7		
044	9.842 116		9.985 505		0.014 495	9.856 612		956	
045	9.842 124	8	9.985 520	15	0.014 480	9.856 604	8	955	
046	9.842 132	8	9.985 535	15	0.014 465	9.856 597	7	954	
		8		15			7		
047	9.842 140		9.985 550		0.014 450	9.856 590		953	
048	9.842 148	8	9.985 565	15	0.014 435	9.856 582	8	952	
049	9.842 156	8	9.985 580	15	0.014 420	9.856 575	7	951	
		7		16			7		
.050	9.842 163		9.985 596		0.014 404	9.856 568		.950	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.000 — 45°.950

44°.050 — 44°.100

44°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.842 163		9.985 596		0.014 404	9.856 568		.950	
		8		15			8		
051	9.842 171		9.985 611		0.014 389	9.856 560		949	
052	9.842 179	8	9.985 626	15	0.014 374	9.856 553	7	948	
053	9.842 187	8	9.985 641	15	0.014 359	9.856 546	7	947	
		8		15			8		
054	9.842 195		9.985 656		0.014 344	9.856 538		946	
055	9.842 203	8	9.985 671	15	0.014 329	9.856 531	7	945	
056	9.842 210	7	9.985 687	16	0.014 313	9.856 524	7	944	
		8		15			8		
057	9.842 218		9.985 702		0.014 298	9.856 516		943	
058	9.842 226	8	9.985 717	15	0.014 283	9.856 509	7	942	
059	9.842 234	8	9.985 732	15	0.014 268	9.856 502	7	941	
		8		15			8		
.060	9.842 242		9.985 747		0.014 253	9.856 494		.940	
		8		15			7		
061	9.842 250		9.985 762		0.014 238	9.856 487		939	
062	9.842 257	7	9.985 778	16	0.014 222	9.856 480	7	938	
063	9.842 265	8	9.985 793	15	0.014 207	9.856 472	8	937	
		8		15			7		
064	9.842 273		9.985 808		0.014 192	9.856 465		936	
065	9.842 281	8	9.985 823	15	0.014 177	9.856 458	7	935	
066	9.842 289	8	9.985 838	15	0.014 162	9.856 450	8	934	
		8		15			7		
067	9.842 297		9.985 853		0.014 147	9.856 443		933	
068	9.842 304	7	9.985 869	16	0.014 131	9.856 436	7	932	
069	9.842 312	8	9.985 884	15	0.014 116	9.856 428	8	931	
		8		15			7		
.070	9.842 320		9.985 899		0.014 101	9.856 421		.930	
		8		15			7		
071	9.842 328		9.985 914		0.014 086	9.856 414		929	
072	9.842 336	8	9.985 929	15	0.014 071	9.856 406	8	928	
073	9.842 344	8	9.985 944	15	0.014 056	9.856 399	7	927	
		7		16			7		
074	9.842 351		9.985 960		0.014 040	9.856 392		926	
075	9.842 359	8	9.985 975	15	0.014 025	9.856 384	8	925	
076	9.842 367	8	9.985 990	15	0.014 010	9.856 377	7	924	
		8		15			7		
077	9.842 375		9.986 005		0.013 995	9.856 370		923	
078	9.842 383	8	9.986 020	15	0.013 980	9.856 362	8	922	
079	9.842 391	8	9.986 035	15	0.013 965	9.856 355	7	921	
		7		16			7		
.080	9.842 398		9.986 051		0.013 949	9.856 348		.920	
		8		15			8		
081	9.842 406		9.986 066		0.013 934	9.856 340		919	
082	9.842 414	8	9.986 081	15	0.013 919	9.856 333	7	918	
083	9.842 422	8	9.986 096	15	0.013 904	9.856 326	7	917	
		8		15			8		
084	9.842 430		9.986 111		0.013 889	9.856 318		916	
085	9.842 437	7	9.986 126	15	0.013 874	9.856 311	7	915	
086	9.842 445	8	9.986 142	16	0.013 858	9.856 304	7	914	
		8		15			8		
087	9.842 453		9.986 157		0.013 843	9.856 296		913	
088	9.842 461	8	9.986 172	15	0.013 828	9.856 289	7	912	
089	9.842 469	8	9.986 187	15	0.013 813	9.856 282	7	911	
		8		15			8		
.090	9.842 477		9.986 202		0.013 798	9.856 274		.910	
		7		15			7		
091	9.842 484		9.986 217		0.013 783	9.856 267		909	
092	9.842 492	8	9.986 233	16	0.013 767	9.856 260	7	908	
093	9.842 500	8	9.986 248	15	0.013 752	9.856 252	8	907	
		8		15			7		
094	9.842 508		9.986 263		0.013 737	9.856 245		906	
095	9.842 516	8	9.986 278	15	0.013 722	9.856 238	7	905	
096	9.842 524	8	9.986 293	15	0.013 707	9.856 230	8	904	
		7		15			7		
097	9.842 531		9.986 308		0.013 692	9.856 223		903	
098	9.842 539	8	9.986 324	16	0.013 676	9.856 216	7	902	
099	9.842 547	8	9.986 339	15	0.013 661	9.856 208	8	901	
		8		15			7		
.100	9.842 555		9.986 354		0.013 646	9.856 201		.900	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
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6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.950 — 45°.900

44°.100 — 44°.150

44°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.842 555		9.986 354		0.013 646	9.856 201		.900	
		8		15			8		
101	9.842 563		9.986 369		0.013 631	9.856 193		899	
		7		15			7		
102	9.842 570		9.986 384		0.013 616	9.856 186		898	
		8		15			7		
103	9.842 578		9.986 399		0.013 601	9.856 179		897	
		8		16			8		
104	9.842 586		9.986 415		0.013 585	9.856 171		896	
		8		15			7		
105	9.842 594		9.986 430		0.013 570	9.856 164		895	
		8		15			7		
106	9.842 602		9.986 445		0.013 555	9.856 157		894	
		8		15			8		
107	9.842 610		9.986 460		0.013 540	9.856 149		893	
		7		15			7		
108	9.842 617		9.986 475		0.013 525	9.856 142		892	
		8		15			7		
109	9.842 625		9.986 490		0.013 510	9.856 135		891	
		8		16			8		
.110	9.842 633		9.986 506		0.013 494	9.856 127		.890	
		8		15			7		
111	9.842 641		9.986 521		0.013 479	9.856 120		889	
		8		15			7		
112	9.842 649		9.986 536		0.013 464	9.856 113		888	
		7		15			8		
113	9.842 656		9.986 551		0.013 449	9.856 105		887	
		8		15			7		
114	9.842 664		9.986 566		0.013 434	9.856 098		886	
		8		15			7		
115	9.842 672		9.986 581		0.013 419	9.856 091		885	
		8		16			8		
116	9.842 680		9.986 597		0.013 403	9.856 083		884	
		8		15			7		
117	9.842 688		9.986 612		0.013 388	9.856 076		883	
		8		15			7		
118	9.842 696		9.986 627		0.013 373	9.856 069		882	
		7		15			8		
119	9.842 703		9.986 642		0.013 358	9.856 061		881	
		8		15			7		
.120	9.842 711		9.986 657		0.013 343	9.856 054		.880	
		8		15			7		
121	9.842 719		9.986 672		0.013 328	9.856 047		879	
		8		16			8		
122	9.842 727		9.986 688		0.013 312	9.856 039		878	
		8		15			7		
123	9.842 735		9.986 703		0.013 297	9.856 032		877	
		7		15			8		
124	9.842 742		9.986 718		0.013 282	9.856 024		876	
		8		15			7		
125	9.842 750		9.986 733		0.013 267	9.856 017		875	
		8		15			7		
126	9.842 758		9.986 748		0.013 252	9.856 010		874	
		8		16			8		
127	9.842 766		9.986 764		0.013 236	9.856 002		873	
		8		15			7		
128	9.842 774		9.986 779		0.013 221	9.855 995		872	
		8		15			7		
129	9.842 782		9.986 794		0.013 206	9.855 988		871	
		7		15			8		
.130	9.842 789		9.986 809		0.013 191	9.855 980		.870	
		8		15			7		
131	9.842 797		9.986 824		0.013 176	9.855 973		869	
		8		15			7		
132	9.842 805		9.986 839		0.013 161	9.855 966		868	
		8		16			8		
133	9.842 813		9.986 855		0.013 145	9.855 958		867	
		8		15			7		
134	9.842 821		9.986 870		0.013 130	9.855 951		866	
		7		15			7		
135	9.842 828		9.986 885		0.013 115	9.855 944		865	
		8		15			8		
136	9.842 836		9.986 900		0.013 100	9.855 936		864	
		8		15			7		
137	9.842 844		9.986 915		0.013 085	9.855 929		863	
		8		15			7		
138	9.842 852		9.986 930		0.013 070	9.855 922		862	
		8		16			8		
139	9.842 860		9.986 946		0.013 054	9.855 914		861	
		7		15			7		
.140	9.842 867		9.986 961		0.013 039	9.855 907		.860	
		8		15			8		
141	9.842 875		9.986 976		0.013 024	9.855 899		859	
		8		15			7		
142	9.842 883		9.986 991		0.013 009	9.855 892		858	
		8		15			7		
143	9.842 891		9.987 006		0.012 994	9.855 885		857	
		8		15			8		
144	9.842 899		9.987 021		0.012 979	9.855 877		856	
		8		15			7		
145	9.842 907		9.987 036		0.012 964	9.855 870		855	
		7		16			7		
146	9.842 914		9.987 052		0.012 948	9.855 863		854	
		8		15			8		
147	9.842 922		9.987 067		0.012 933	9.855 855		853	
		8		15			7		
148	9.842 930		9.987 082		0.012 918	9.855 848		852	
		8		15			7		
149	9.842 938		9.987 097		0.012 903	9.855 841		851	
		8		15			8		
.150	9.842 946		9.987 112		0.012 888	9.855 833		.850	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.900 — 45°.850

44°.150 — 44°.200

44°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.842 946		9.987 112		0.012 888	9.855 833		.850	
		7		15			7		
151	9.842 953	8	9.987 127	16	0.012 873	9.855 826	7	849	
152	9.842 961	8	9.987 143	15	0.012 857	9.855 819	8	848	
153	9.842 969	8	9.987 158	15	0.012 842	9.855 811	7	847	
154	9.842 977	8	9.987 173	15	0.012 827	9.855 804	8	846	
155	9.842 985	7	9.987 188	15	0.012 812	9.855 796	7	845	
156	9.842 992	8	9.987 203	15	0.012 797	9.855 789	7	844	
157	9.843 000	8	9.987 218	16	0.012 782	9.855 782	8	843	
158	9.843 008	8	9.987 234	15	0.012 766	9.855 774	7	842	
159	9.843 016	8	9.987 249	15	0.012 751	9.855 767	7	841	
.160	9.843 024		9.987 264		0.012 736	9.855 760	8	.840	
		7		15			7		
161	9.843 031	8	9.987 279	15	0.012 721	9.855 752	7	839	
162	9.843 039	8	9.987 294	15	0.012 706	9.855 745	8	838	
163	9.843 047	8	9.987 309	16	0.012 691	9.855 738	7	837	
164	9.843 055	8	9.987 325	15	0.012 675	9.855 730	8	836	
165	9.843 063	7	9.987 340	15	0.012 660	9.855 723	7	835	
166	9.843 070	8	9.987 355	15	0.012 645	9.855 715	8	834	
167	9.843 078	8	9.987 370	15	0.012 630	9.855 708	7	833	
168	9.843 086	8	9.987 385	15	0.012 615	9.855 701	7	832	
169	9.843 094	8	9.987 400	15	0.012 600	9.855 693	8	831	
.170	9.843 102		9.987 416	16	0.012 584	9.855 686	7	.830	
		7		15			7		
171	9.843 109	8	9.987 431	15	0.012 569	9.855 679	8	829	
172	9.843 117	8	9.987 446	15	0.012 554	9.855 671	7	828	
173	9.843 125	8	9.987 461	15	0.012 539	9.855 664	7	827	
174	9.843 133	8	9.987 476	15	0.012 524	9.855 657	8	826	
175	9.843 141	7	9.987 491	16	0.012 509	9.855 649	7	825	
176	9.843 148	8	9.987 507	15	0.012 493	9.855 642	8	824	
177	9.843 156	8	9.987 522	15	0.012 478	9.855 634	7	823	
178	9.843 164	8	9.987 537	15	0.012 463	9.855 627	7	822	
179	9.843 172	8	9.987 552	15	0.012 448	9.855 620	8	821	
.180	9.843 180		9.987 567	15	0.012 433	9.855 612		.820	
		7		15			7		
181	9.843 187	8	9.987 582	16	0.012 418	9.855 605	7	819	
182	9.843 195	8	9.987 598	15	0.012 402	9.855 598	8	818	
183	9.843 203	8	9.987 613	15	0.012 387	9.855 590	7	817	
184	9.843 211	8	9.987 628	15	0.012 372	9.855 583	7	816	
185	9.843 219	7	9.987 643	15	0.012 357	9.855 576	8	815	
186	9.843 226	8	9.987 658	15	0.012 342	9.855 568	7	814	
187	9.843 234	8	9.987 673	16	0.012 327	9.855 561	8	813	
188	9.843 242	8	9.987 689	15	0.012 311	9.855 553	7	812	
189	9.843 250	8	9.987 704	15	0.012 296	9.855 546	7	811	
.190	9.843 258		9.987 719	15	0.012 281	9.855 539	8	.810	
		7		15			7		
191	9.843 265	8	9.987 734	15	0.012 266	9.855 531	7	809	
192	9.843 273	8	9.987 749	15	0.012 251	9.855 524	7	808	
193	9.843 281	8	9.987 764	16	0.012 236	9.855 517	8	807	
194	9.843 289	8	9.987 780	15	0.012 220	9.855 509	7	806	
195	9.843 297	7	9.987 795	15	0.012 205	9.855 502	8	805	
196	9.843 304	8	9.987 810	15	0.012 190	9.855 494	7	804	
197	9.843 312	8	9.987 825	15	0.012 175	9.855 487	7	803	
198	9.843 320	8	9.987 840	15	0.012 160	9.855 480	8	802	
199	9.843 328	8	9.987 855	16	0.012 145	9.855 472	7	801	
.200	9.843 336		9.987 871		0.012 129	9.855 465		.800	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.850 — 45°.800

44°.200 — 44°.250

44°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.843 336		9.987 871		0.012 129	9.855 465		**.800**	
		7		15			7		
201	9.843 343	8	9.987 886	15	0.012 114	9.855 458	8	799	
202	9.843 351	8	9.987 901	15	0.012 099	9.855 450	7	798	
203	9.843 359	8	9.987 916	15	0.012 084	9.855 443	7	797	
204	9.843 367	8	9.987 931	15	0.012 069	9.855 436	8	796	
205	9.843 375	7	9.987 946	15	0.012 054	9.855 428	7	795	
206	9.843 382	8	9.987 962	16	0.012 038	9.855 421	8	794	
207	9.843 390	8	9.987 977	15	0.012 023	9.855 413	7	793	
208	9.843 398	8	9.987 992	15	0.012 008	9.855 406	7	792	
209	9.843 406	8	9.988 007	15	0.011 993	9.855 399	8	791	
.210	9.843 414		9.988 022	15	0.011 978	9.855 391		**.790**	
		7		15			7		
211	9.843 421	8	9.988 037	16	0.011 963	9.855 384	7	789	
212	9.843 429	8	9.988 053	15	0.011 947	9.855 377	8	788	
213	9.843 437	8	9.988 068	15	0.011 932	9.855 369	7	787	
214	9.843 445	8	9.988 083	15	0.011 917	9.855 362	8	786	
215	9.843 453	7	9.988 098	15	0.011 902	9.855 354	7	785	
216	9.843 460	8	9.988 113	15	0.011 887	9.855 347	7	784	
217	9.843 468	8	9.988 128	16	0.011 872	9.855 340	8	783	
218	9.843 476	8	9.988 144	15	0.011 856	9.855 332	7	782	
219	9.843 484	7	9.988 159	15	0.011 841	9.855 325	7	781	
.220	9.843 491	8	9.988 174	15	0.011 826	9.855 318	8	**.780**	
221	9.843 499	8	9.988 189	15	0.011 811	9.855 310	7	779	
222	9.843 507	8	9.988 204	15	0.011 796	9.855 303	8	778	
223	9.843 515	8	9.988 219	16	0.011 781	9.855 295	7	777	
224	9.843 523	7	9.988 235	15	0.011 765	9.855 288	7	776	
225	9.843 530	8	9.988 250	15	0.011 750	9.855 281	8	775	
226	9.843 538	8	9.988 265	15	0.011 735	9.855 273	7	774	
227	9.843 546	8	9.988 280	15	0.011 720	9.855 266	7	773	
228	9.843 554	8	9.988 295	15	0.011 705	9.855 259	8	772	
229	9.843 562	8	9.988 310	16	0.011 690	9.855 251	7	771	
.230	9.843 569	7	9.988 326	15	0.011 674	9.855 244	8	**.770**	
231	9.843 577	8	9.988 341	15	0.011 659	9.855 236	7	769	
232	9.843 585	8	9.988 356	15	0.011 644	9.855 229	7	768	
233	9.843 593	8	9.988 371	15	0.011 629	9.855 222	8	767	
234	9.843 600	7	9.988 386	15	0.011 614	9.855 214	7	766	
235	9.843 608	8	9.988 401	16	0.011 599	9.855 207	8	765	
236	9.843 616	8	9.988 417	15	0.011 583	9.855 199	7	764	
237	9.843 624	8	9.988 432	15	0.011 568	9.855 192	7	763	
238	9.843 632	8	9.988 447	15	0.011 553	9.855 185	8	762	
239	9.843 639	7	9.988 462	15	0.011 538	9.855 177	7	761	
.240	9.843 647	8	9.988 477	15	0.011 523	9.855 170	7	**.760**	
241	9.843 655	8	9.988 492	16	0.011 508	9.855 163	8	759	
242	9.843 663	8	9.988 508	15	0.011 492	9.855 155	7	758	
243	9.843 671	7	9.988 523	15	0.011 477	9.855 148	8	757	
244	9.843 678	8	9.988 538	15	0.011 462	9.855 140	7	756	
245	9.843 686	8	9.988 553	15	0.011 447	9.855 133	7	755	
246	9.843 694	8	9.988 568	15	0.011 432	9.855 126	8	754	
247	9.843 702	7	9.988 583	16	0.011 417	9.855 118	7	753	
248	9.843 709	8	9.988 599	15	0.011 401	9.855 111	7	752	
249	9.843 717	8	9.988 614	15	0.011 386	9.855 104	8	751	
.250	9.843 725		9.988 629		0.011 371	9.855 096		**.750**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.800 — 45°.750

44°.250 — 44°.300

44°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.843 725		9.988 629		0.011 371	9.855 096		**.750**	
		8		15			7		
251	9.843 733		9.988 644		0.011 356	9.855 089		749	
252	9.843 741	8	9.988 659	15	0.011 341	9.855 081	8	748	
253	9.843 748	7	9.988 674	15	0.011 326	9.855 074	7	747	
		8		16			7		
254	9.843 756		9.988 690		0.011 310	9.855 067		746	
255	9.843 764	8	9.988 705	15	0.011 295	9.855 059	8	745	
256	9.843 772	8	9.988 720	15	0.011 280	9.855 052	7	744	
		7		15			8		
257	9.843 779		9.988 735		0.011 265	9.855 044		743	
258	9.843 787	8	9.988 750	15	0.011 250	9.855 037	7	742	
259	9.843 795	8	9.988 765	15	0.011 235	9.855 030	7	741	
		8		16			8		
.260	9.843 803		9.988 781		0.011 219	9.855 022		**.740**	
		8		15			7		
261	9.843 811		9.988 796		0.011 204	9.855 015		739	
262	9.843 818	7	9.988 811	15	0.011 189	9.855 008	7	738	
263	9.843 826	8	9.988 826	15	0.011 174	9.855 000	8	737	
		8		15			7		
264	9.843 834		9.988 841		0.011 159	9.854 993		736	
265	9.843 842	8	9.988 856	15	0.011 144	9.854 985	8	735	
266	9.843 849	7	9.988 872	16	0.011 128	9.854 978	7	734	
		8		15			7		
267	9.843 857		9.988 887		0.011 113	9.854 971		733	
268	9.843 865	8	9.988 902	15	0.011 098	9.854 963	8	732	
269	9.843 873	8	9.988 917	15	0.011 083	9.854 956	7	731	
		8		15			8		
.270	9.843 881		9.988 932		0.011 068	9.854 948		**.730**	
		7		15			7		
271	9.843 888		9.988 947		0.011 053	9.854 941		729	
272	9.843 896	8	9.988 963	16	0.011 037	9.854 934	7	728	
273	9.843 904	8	9.988 978	15	0.011 022	9.854 926	8	727	
		8		15			7		
274	9.843 912		9.988 993		0.011 007	9.854 919		726	
275	9.843 919	7	9.989 008	15	0.010 992	9.854 911	8	725	
276	9.843 927	8	9.989 023	15	0.010 977	9.854 904	7	724	
		8		15			7		
277	9.843 935		9.989 038		0.010 962	9.854 897		723	
278	9.843 943	8	9.989 054	16	0.010 946	9.854 889	8	722	
279	9.843 951	8	9.989 069	15	0.010 931	9.854 882	7	721	
		7		15			8		
.280	9.843 958		9.989 084		0.010 916	9.854 874		**.720**	
		8		15			7		
281	9.843 966		9.989 099		0.010 901	9.854 867		719	
282	9.843 974	8	9.989 114	15	0.010 886	9.854 860	7	718	
283	9.843 982	8	9.989 129	15	0.010 871	9.854 852	8	717	
		7		15			7		
284	9.843 989		9.989 144		0.010 856	9.854 845		716	
285	9.843 997	8	9.989 160	16	0.010 840	9.854 838	7	715	
286	9.844 005	8	9.989 175	15	0.010 825	9.854 830	8	714	
		8		15			7		
287	9.844 013		9.989 190		0.010 810	9.854 823		713	
288	9.844 021	8	9.989 205	15	0.010 795	9.854 815	8	712	
289	9.844 028	7	9.989 220	15	0.010 780	9.854 808	7	711	
		8		15			7		
.290	9.844 036		9.989 235		0.010 765	9.854 801		**.710**	
		8		16			8		
291	9.844 044		9.989 251		0.010 749	9.854 793		709	
292	9.844 052	8	9.989 266	15	0.010 734	9.854 786	7	708	
293	9.844 059	7	9.989 281	15	0.010 719	9.854 778	8	707	
		8		15			7		
294	9.844 067		9.989 296		0.010 704	9.854 771		706	
295	9.844 075	8	9.989 311	15	0.010 689	9.854 764	7	705	
296	9.844 083	8	9.989 326	15	0.010 674	9.854 756	8	704	
		7		16			7		
297	9.844 090		9.989 342		0.010 658	9.854 749		703	
298	9.844 098	8	9.989 357	15	0.010 643	9.854 741	8	702	
299	9.844 106	8	9.989 372	15	0.010 628	9.854 734	7	701	
		8		15			7		
.300	9.844 114		9.989 387		0.010 613	9.854 727		**.700**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.750 — 45°.700

44°.300 — 44°.350

44°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.844 114		9.989 387		0.010 613	9.854 727		.700	
301	9.844 122	8	9.989 402	15	0.010 598	9.854 719	8	699	
302	9.844 129	7	9.989 417	15	0.010 583	9.854 712	7	698	
303	9.844 137	8	9.989 433	16	0.010 567	9.854 704	8	697	
304	9.844 145	8	9.989 448	15	0.010 552	9.854 697	7	696	
305	9.844 153	8	9.989 463	15	0.010 537	9.854 690	7	695	
306	9.844 160	7	9.989 478	15	0.010 522	9.854 682	8	694	
307	9.844 168	8	9.989 493	15	0.010 507	9.854 675	7	693	
308	9.844 176	8	9.989 508	15	0.010 492	9.854 667	8	692	
309	9.844 184	8	9.989 524	16	0.010 476	9.854 660	7	691	
.310	9.844 191	7	9.989 539	15	0.010 461	9.854 653	7	.690	
311	9.844 199	8	9.989 554	15	0.010 446	9.854 645	8	689	
312	9.844 207	8	9.989 569	15	0.010 431	9.854 638	7	688	
313	9.844 215	8	9.989 584	15	0.010 416	9.854 630	8	687	
314	9.844 222	7	9.989 599	15	0.010 401	9.854 623	7	686	
315	9.844 230	8	9.989 615	16	0.010 385	9.854 616	7	685	
316	9.844 238	8	9.989 630	15	0.010 370	9.854 608	8	684	
317	9.844 246	8	9.989 645	15	0.010 355	9.854 601	7	683	
318	9.844 254	8	9.989 660	15	0.010 340	9.854 593	8	682	
319	9.844 261	7	9.989 675	15	0.010 325	9.854 586	7	681	
.320	9.844 269	8	9.989 690	15	0.010 310	9.854 579	7	.680	
321	9.844 277	8	9.989 706	16	0.010 294	9.854 571	8	679	
322	9.844 285	8	9.989 721	15	0.010 279	9.854 564	7	678	
323	9.844 292	7	9.989 736	15	0.010 264	9.854 556	8	677	
324	9.844 300	8	9.989 751	15	0.010 249	9.854 549	7	676	
325	9.844 308	8	9.989 766	15	0.010 234	9.854 542	7	675	
326	9.844 316	8	9.989 781	15	0.010 219	9.854 534	8	674	
327	9.844 323	7	9.989 797	16	0.010 203	9.854 527	7	673	
328	9.844 331	8	9.989 812	15	0.010 188	9.854 519	8	672	
329	9.844 339	8	9.989 827	15	0.010 173	9.854 512	7	671	
.330	9.844 347	8	9.989 842	15	0.010 158	9.854 505	7	.670	
331	9.844 354	7	9.989 857	15	0.010 143	9.854 497	8	669	
332	9.844 362	8	9.989 872	16	0.010 128	9.854 490	7	668	
333	9.844 370	8	9.989 888	15	0.010 112	9.854 482	8	667	
334	9.844 378	8	9.989 903	15	0.010 097	9.854 475	7	666	
335	9.844 385	7	9.989 918	15	0.010 082	9.854 468	7	665	
336	9.844 393	8	9.989 933	15	0.010 067	9.854 460	8	664	
337	9.844 401	8	9.989 948	15	0.010 052	9.854 453	7	663	
338	9.844 409	8	9.989 963	15	0.010 037	9.854 445	8	662	
339	9.844 416	7	9.989 979	16	0.010 021	9.854 438	7	661	
.340	9.844 424	8	9.989 994	15	0.010 006	9.854 431	7	.660	
341	9.844 432	8	9.990 009	15	0.009 991	9.854 423	8	659	
342	9.844 440	8	9.990 024	15	0.009 976	9.854 416	7	658	
343	9.844 447	7	9.990 039	15	0.009 961	9.854 408	8	657	
344	9.844 455	8	9.990 054	15	0.009 946	9.854 401	7	656	
345	9.844 463	8	9.990 070	16	0.009 930	9.854 393	8	655	
346	9.844 471	8	9.990 085	15	0.009 915	9.854 386	7	654	
347	9.844 479	8	9.990 100	15	0.009 900	9.854 379	7	653	
348	9.844 486	7	9.990 115	15	0.009 885	9.854 371	8	652	
349	9.844 494	8	9.990 130	15	0.009 870	9.854 364	7	651	
.350	9.844 502	8	9.990 145	15	0.009 855	9.854 356	8	.650	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.700 — 45°.650

44°.350 — 44°.400

44°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.844 502		9.990 145		0.009 855	9.854 356		.650	
351	9.844 510	8	9.990 160	15	0.009 840	9.854 349	7	649	
352	9.844 517	7	9.990 176	16	0.009 824	9.854 342	7	648	
353	9.844 525	8	9.990 191	15	0.009 809	9.854 334	8	647	
354	9.844 533	8	9.990 206	15	0.009 794	9.854 327	7	646	
355	9.844 541	8	9.990 221	15	0.009 779	9.854 319	8	645	
356	9.844 548	7	9.990 236	15	0.009 764	9.854 312	7	644	
357	9.844 556	8	9.990 251	15	0.009 749	9.854 305	7	643	
358	9.844 564	8	9.990 267	16	0.009 733	9.854 297	8	642	
359	9.844 572	8	9.990 282	15	0.009 718	9.854 290	7	641	
.360	9.844 579	7	9.990 297	15	0.009 703	9.854 282	8	.640	
361	9.844 587	8	9.990 312	15	0.009 688	9.854 275	7	639	
362	9.844 595	8	9.990 327	15	0.009 673	9.854 268	7	638	
363	9.844 603	8	9.990 342	16	0.009 658	9.854 260	8	637	
364	9.844 610	7	9.990 358	15	0.009 642	9.854 253	7	636	
365	9.844 618	8	9.990 373	15	0.009 627	9.854 245	8	635	
366	9.844 626	8	9.990 388	15	0.009 612	9.854 238	7	634	
367	9.844 634	8	9.990 403	15	0.009 597	9.854 230	8	633	
368	9.844 641	7	9.990 418	15	0.009 582	9.854 223	7	632	
369	9.844 649	8	9.990 433	15	0.009 567	9.854 216	7	631	
.370	9.844 657	8	9.990 449	16	0.009 551	9.854 208	8	.630	
371	9.844 665	8	9.990 464	15	0.009 536	9.854 201	7	629	
372	9.844 672	7	9.990 479	15	0.009 521	9.854 193	8	628	
373	9.844 680	8	9.990 494	15	0.009 506	9.854 186	7	627	
374	9.844 688	8	9.990 509	15	0.009 491	9.854 179	7	626	
375	9.844 696	8	9.990 524	15	0.009 476	9.854 171	8	625	
376	9.844 703	7	9.990 540	16	0.009 460	9.854 164	7	624	
377	9.844 711	8	9.990 555	15	0.009 445	9.854 156	8	623	
378	9.844 719	8	9.990 570	15	0.009 430	9.854 149	7	622	
379	9.844 727	8	9.990 585	15	0.009 415	9.854 141	8	621	
.380	9.844 734	7	9.990 600	15	0.009 400	9.854 134	7	.620	
381	9.844 742	8	9.990 615	15	0.009 385	9.854 127	7	619	
382	9.844 750	8	9.990 631	16	0.009 369	9.854 119	8	618	
383	9.844 757	7	9.990 646	15	0.009 354	9.854 112	7	617	
384	9.844 765	8	9.990 661	15	0.009 339	9.854 104	8	616	
385	9.844 773	8	9.990 676	15	0.009 324	9.854 097	7	615	
386	9.844 781	8	9.990 691	15	0.009 309	9.854 090	7	614	
387	9.844 788	7	9.990 706	15	0.009 294	9.854 082	8	613	
388	9.844 796	8	9.990 722	16	0.009 278	9.854 075	7	612	
389	9.844 804	8	9.990 737	15	0.009 263	9.854 067	8	611	
.390	9.844 812	8	9.990 752	15	0.009 248	9.854 060	7	.610	
391	9.844 819	7	9.990 767	15	0.009 233	9.854 052	8	609	
392	9.844 827	8	9.990 782	15	0.009 218	9.854 045	7	608	
393	9.844 835	8	9.990 797	15	0.009 203	9.854 038	7	607	
394	9.844 843	8	9.990 813	16	0.009 187	9.854 030	8	606	
395	9.844 850	7	9.990 828	15	0.009 172	9.854 023	7	605	
396	9.844 858	8	9.990 843	15	0.009 157	9.854 015	8	604	
397	9.844 866	8	9.990 858	15	0.009 142	9.854 008	7	603	
398	9.844 874	8	9.990 873	15	0.009 127	9.854 000	8	602	
399	9.844 881	7	9.990 888	15	0.009 112	9.853 993	7	601	
.400	9.844 889	8	9.990 903	15	0.009 097	9.853 986	7	.600	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.650 — 45°.600

44°.400 — 44°.450

44°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.844 889		9.990 903		0.009 097	9.853 986		.600	
		8		16			8		
401	9.844 897		9.990 919		0.009 081	9.853 978		599	
402	9.844 905	8	9.990 934	15	0.009 066	9.853 971	7	598	
403	9.844 912	7	9.990 949	15	0.009 051	9.853 963	8	597	
		8		15			7		
404	9.844 920		9.990 964		0.009 036	9.853 956		596	
405	9.844 928	8	9.990 979	15	0.009 021	9.853 949	7	595	
406	9.844 936	8	9.990 994	15	0.009 006	9.853 941	8	594	
		7		16			7		
407	9.844 943		9.991 010		0.008 990	9.853 934		593	
408	9.844 951	8	9.991 025	15	0.008 975	9.853 926	8	592	
409	9.844 959	8	9.991 040	15	0.008 960	9.853 919	7	591	
		8		15			8		
.410	9.844 967		9.991 055		0.008 945	9.853 911		.590	
		7		15			7		
411	9.844 974		9.991 070		0.008 930	9.853 904		589	
412	9.844 982	8	9.991 085	15	0.008 915	9.853 897	7	588	
413	9.844 990	8	9.991 101	16	0.008 899	9.853 889	8	587	
		7		15			7		
414	9.844 997		9.991 116		0.008 884	9.853 882		586	
415	9.845 005	8	9.991 131	15	0.008 869	9.853 874	8	585	
416	9.845 013	8	9.991 146	15	0.008 854	9.853 867	7	584	
		8		15			8		
417	9.845 021		9.991 161		0.008 839	9.853 859		583	
418	9.845 028	7	9.991 176	15	0.008 824	9.853 852	7	582	
419	9.845 036	8	9.991 192	16	0.008 808	9.853 845	7	581	
		8		15			8		
.420	9.845 044		9.991 207		0.008 793	9.853 837		.580	
		8		15			7		
421	9.845 052		9.991 222		0.008 778	9.853 830		579	
422	9.845 059	7	9.991 237	15	0.008 763	9.853 822	8	578	
423	9.845 067	8	9.991 252	15	0.008 748	9.853 815	7	577	
		8		15			8		
424	9.845 075		9.991 267		0.008 733	9.853 807		576	
425	9.845 083	8	9.991 283	16	0.008 717	9.853 800	7	575	
426	9.845 090	7	9.991 298	15	0.008 702	9.853 793	7	574	
		8		15			8		
427	9.845 098		9.991 313		0.008 687	9.853 785		573	
428	9.845 106	8	9.991 328	15	0.008 672	9.853 778	7	572	
429	9.845 113	7	9.991 343	15	0.008 657	9.853 770	8	571	
		8		15			7		
.430	9.845 121		9.991 358		0.008 642	9.853 763		.570	
		8		16			8		
431	9.845 129		9.991 374		0.008 626	9.853 755		569	
432	9.845 137	8	9.991 389	15	0.008 611	9.853 748	7	568	
433	9.845 144	7	9.991 404	15	0.008 596	9.853 741	7	567	
		8		15			8		
434	9.845 152		9.991 419		0.008 581	9.853 733		566	
435	9.845 160	8	9.991 434	15	0.008 566	9.853 726	7	565	
436	9.845 168	8	9.991 449	15	0.008 551	9.853 718	8	564	
		7		16			7		
437	9.845 175		9.991 465		0.008 535	9.853 711		563	
438	9.845 183	8	9.991 480	15	0.008 520	9.853 703	8	562	
439	9.845 191	8	9.991 495	15	0.008 505	9.853 696	7	561	
		8		15			7		
.440	9.845 199		9.991 510		0.008 490	9.853 689		.560	
		7		15			8		
441	9.845 206		9.991 525		0.008 475	9.853 681		559	
442	9.845 214	8	9.991 540	15	0.008 460	9.853 674	7	558	
443	9.845 222	8	9.991 555	15	0.008 445	9.853 666	8	557	
		7		16			7		
444	9.845 229		9.991 571		0.008 429	9.853 659		556	
445	9.845 237	8	9.991 586	15	0.008 414	9.853 651	8	555	
446	9.845 245	8	9.991 601	15	0.008 399	9.853 644	7	554	
		8		15			8		
447	9.845 253		9.991 616		0.008 384	9.853 636		553	
448	9.845 260	7	9.991 631	15	0.008 369	9.853 629	7	552	
449	9.845 268	8	9.991 646	15	0.008 354	9.853 622	7	551	
		8		16			8		
.450	9.845 276		9.991 662		0.008 338	9.853 614		.550	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.600 — 45°.550

44°.450 — 44°.500

44°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.845 276		9.991 662		0.008 338	9.853 614		.550	
		8		15			7		
451	9.845 284		9.991 677		0.008 323	9.853 607		549	
452	9.845 291	7	9.991 692	15	0.008 308	9.853 599	8	548	
453	9.845 299	8	9.991 707	15	0.008 293	9.853 592	7	547	
		8		15			8		
454	9.845 307		9.991 722		0.008 278	9.853 584		546	
455	9.845 314	7	9.991 737	15	0.008 263	9.853 577	7	545	
456	9.845 322	8	9.991 753	16	0.008 247	9.853 570	7	544	
		8		15			8		
457	9.845 330		9.991 768		0.008 232	9.853 562		543	
458	9.845 338	8	9.991 783	15	0.008 217	9.853 555	7	542	
459	9.845 345	7	9.991 798	15	0.008 202	9.853 547	8	541	
		8		15			7		
.460	9.845 353		9.991 813		0.008 187	9.853 540		.540	
		8		15			8		
461	9.845 361		9.991 828		0.008 172	9.853 532		539	
462	9.845 368	7	9.991 844	16	0.008 156	9.853 525	7	538	
463	9.845 376	8	9.991 859	15	0.008 141	9.853 517	8	537	
		8		15			7		
464	9.845 384		9.991 874		0.008 126	9.853 510		536	
465	9.845 392	8	9.991 889	15	0.008 111	9.853 503	7	535	
466	9.845 399	7	9.991 904	15	0.008 096	9.853 495	8	534	
		8		15			7		
467	9.845 407		9.991 919		0.008 081	9.853 488		533	
468	9.845 415	8	9.991 935	16	0.008 065	9.853 480	8	532	
469	9.845 423	8	9.991 950	15	0.008 050	9.853 473	7	531	
		7		15			8		
.470	9.845 430		9.991 965		0.008 035	9.853 465		.530	
		8		15			7		
471	9.845 438		9.991 980		0.008 020	9.853 458		529	
472	9.845 446	8	9.991 995	15	0.008 005	9.853 451	7	528	
473	9.845 453	7	9.992 010	15	0.007 990	9.853 443	8	527	
		8		16			7		
474	9.845 461		9.992 026		0.007 974	9.853 436		526	
475	9.845 469	8	9.992 041	15	0.007 959	9.853 428	8	525	
476	9.845 477	8	9.992 056	15	0.007 944	9.853 421	7	524	
		7		15			8		
477	9.845 484		9.992 071		0.007 929	9.853 413		523	
478	9.845 492	8	9.992 086	15	0.007 914	9.853 406	7	522	
479	9.845 500	8	9.992 101	15	0.007 899	9.853 398	8	521	
		7		16			7		
.480	9.845 507		9.992 117		0.007 883	9.853 391		.520	
		8		15			7		
481	9.845 515		9.992 132		0.007 868	9.853 384		519	
482	9.845 523	8	9.992 147	15	0.007 853	9.853 376	8	518	
483	9.845 531	8	9.992 162	15	0.007 838	9.853 369	7	517	
		7		15			8		
484	9.845 538		9.992 177		0.007 823	9.853 361		516	
485	9.845 546	8	9.992 192	15	0.007 808	9.853 354	7	515	
486	9.845 554	8	9.992 207	15	0.007 793	9.853 346	8	514	
		8		16			7		
487	9.845 562		9.992 223		0.007 777	9.853 339		513	
488	9.845 569	7	9.992 238	15	0.007 762	9.853 331	8	512	
489	9.845 577	8	9.992 253	15	0.007 747	9.853 324	7	511	
		8		15			7		
.490	9.845 585		9.992 268		0.007 732	9.853 317		.510	
		7		15			8		
491	9.845 592		9.992 283		0.007 717	9.853 309		509	
492	9.845 600	8	9.992 298	15	0.007 702	9.853 302	7	508	
493	9.845 608	8	9.992 314	16	0.007 686	9.853 294	8	507	
		8		15			7		
494	9.845 616		9.992 329		0.007 671	9.853 287		506	
495	9.845 623	7	9.992 344	15	0.007 656	9.853 279	8	505	
496	9.845 631	8	9.992 359	15	0.007 641	9.853 272	7	504	
		8		15			8		
497	9.845 639		9.992 374		0.007 626	9.853 264		503	
498	9.845 646	7	9.992 389	15	0.007 611	9.853 257	7	502	
499	9.845 654	8	9.992 405	16	0.007 595	9.853 250	7	501	
		8		15			8		
.500	9.845 662		9.992 420		0.007 580	9.853 242		.500	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.550 — 45°.500

44°.500 — 44°.550

44°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.845 662		9.992 420		0.007 580	9.853 242		.500	
501	9.845 670	8	9.992 435	15	0.007 565	9.853 235	7	499	
502	9.845 677	7	9.992 450	15	0.007 550	9.853 227	8	498	
503	9.845 685	8	9.992 465	15	0.007 535	9.853 220	7	497	
504	9.845 693	8	9.992 480	15	0.007 520	9.853 212	8	496	
505	9.845 700	7	9.992 496	16	0.007 504	9.853 205	7	495	
506	9.845 708	8	9.992 511	15	0.007 489	9.853 197	8	494	
507	9.845 716	8	9.992 526	15	0.007 474	9.853 190	7	493	
508	9.845 723	7	9.992 541	15	0.007 459	9.853 182	8	492	
509	9.845 731	8	9.992 556	15	0.007 444	9.853 175	7	491	
.510	9.845 739	8	9.992 571	15	0.007 429	9.853 168	7	.490	
511	9.845 747	8	9.992 587	16	0.007 413	9.853 160	8	489	
512	9.845 754	7	9.992 602	15	0.007 398	9.853 153	7	488	
513	9.845 762	8	9.992 617	15	0.007 383	9.853 145	8	487	
514	9.845 770	8	9.992 632	15	0.007 368	9.853 138	7	486	
515	9.845 777	7	9.992 647	15	0.007 353	9.853 130	8	485	
516	9.845 785	8	9.992 662	15	0.007 338	9.853 123	7	484	
517	9.845 793	8	9.992 677	15	0.007 323	9.853 115	8	483	
518	9.845 801	8	9.992 693	16	0.007 307	9.853 108	7	482	
519	9.845 808	7	9.992 708	15	0.007 292	9.853 100	8	481	
.520	9.845 816	8	9.992 723	15	0.007 277	9.853 093	7	.480	
521	9.845 824	8	9.992 738	15	0.007 262	9.853 086	7	479	
522	9.845 831	7	9.992 753	15	0.007 247	9.853 078	8	478	
523	9.845 839	8	9.992 768	16	0.007 232	9.853 071	7	477	
524	9.845 847	8	9.992 784	15	0.007 216	9.853 063	8	476	
525	9.845 855	8	9.992 799	15	0.007 201	9.853 056	7	475	
526	9.845 862	7	9.992 814	15	0.007 186	9.853 048	8	474	
527	9.845 870	8	9.992 829	15	0.007 171	9.853 041	7	473	
528	9.845 878	8	9.992 844	15	0.007 156	9.853 033	8	472	
529	9.845 885	7	9.992 859	15	0.007 141	9.853 026	7	471	
.530	9.845 893	8	9.992 875	16	0.007 125	9.853 018	8	.470	
531	9.845 901	8	9.992 890	15	0.007 110	9.853 011	7	469	
532	9.845 908	7	9.992 905	15	0.007 095	9.853 004	7	468	
533	9.845 916	8	9.992 920	15	0.007 080	9.852 996	8	467	
534	9.845 924	8	9.992 935	15	0.007 065	9.852 989	7	466	
535	9.845 932	8	9.992 950	15	0.007 050	9.852 981	8	465	
536	9.845 939	7	9.992 966	16	0.007 034	9.852 974	7	464	
537	9.845 947	8	9.992 981	15	0.007 019	9.852 966	8	463	
538	9.845 955	8	9.992 996	15	0.007 004	9.852 959	7	462	
539	9.845 962	7	9.993 011	15	0.006 989	9.852 951	8	461	
.540	9.845 970	8	9.993 026	15	0.006 974	9.852 944	7	.460	
541	9.845 978	8	9.993 041	15	0.006 959	9.852 936	8	459	
542	9.845 986	8	9.993 057	16	0.006 943	9.852 929	7	458	
543	9.845 993	7	9.993 072	15	0.006 928	9.852 922	7	457	
544	9.846 001	8	9.993 087	15	0.006 913	9.852 914	8	456	
545	9.846 009	8	9.993 102	15	0.006 898	9.852 907	7	455	
546	9.846 016	7	9.993 117	15	0.006 883	9.852 899	8	454	
547	9.846 024	8	9.993 132	15	0.006 868	9.852 892	7	453	
548	9.846 032	8	9.993 148	16	0.006 852	9.852 884	8	452	
549	9.846 039	7	9.993 163	15	0.006 837	9.852 877	7	451	
.550	9.846 047	8	9.993 178	15	0.006 822	9.852 869	8	.450	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.500 — 45°.450

44°.550 — 44°.600

44°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.846 047		9.993 178		0.006 822	9.852 869		.450	
551	9.846 055	8	9.993 193	15	0.006 807	9.852 862	7	449	
552	9.846 063	8	9.993 208	15	0.006 792	9.852 854	8	448	
553	9.846 070	7	9.993 223	15	0.006 777	9.852 847	7	447	
554	9.846 078	8	9.993 238	15	0.006 762	9.852 839	8	446	
555	9.846 086	8	9.993 254	16	0.006 746	9.852 832	7	445	
556	9.846 093	7	9.993 269	15	0.006 731	9.852 825	7	444	
557	9.846 101	8	9.993 284	15	0.006 716	9.852 817	8	443	
558	9.846 109	8	9.993 299	15	0.006 701	9.852 810	7	442	
559	9.846 116	7	9.993 314	15	0.006 686	9.852 802	8	441	
.560	9.846 124	8	9.993 329	15	0.006 671	9.852 795	7	.440	
561	9.846 132	8	9.993 345	16	0.006 655	9.852 787	8	439	
562	9.846 140	8	9.993 360	15	0.006 640	9.852 780	7	438	
563	9.846 147	7	9.993 375	15	0.006 625	9.852 772	8	437	
564	9.846 155	8	9.993 390	15	0.006 610	9.852 765	7	436	
565	9.846 163	8	9.993 405	15	0.006 595	9.852 757	8	435	
566	9.846 170	7	9.993 420	15	0.006 580	9.852 750	7	434	
567	9.846 178	8	9.993 436	16	0.006 564	9.852 742	8	433	
568	9.846 186	8	9.993 451	15	0.006 549	9.852 735	7	432	
569	9.846 193	7	9.993 466	15	0.006 534	9.852 727	8	431	
.570	9.846 201	8	9.993 481	15	0.006 519	9.852 720	7	.430	
571	9.846 209	8	9.993 496	15	0.006 504	9.852 713	7	429	
572	9.846 216	7	9.993 511	15	0.006 489	9.852 705	8	428	
573	9.846 224	8	9.993 527	16	0.006 473	9.852 698	7	427	
574	9.846 232	8	9.993 542	15	0.006 458	9.852 690	8	426	
575	9.846 240	8	9.993 557	15	0.006 443	9.852 683	7	425	
576	9.846 247	7	9.993 572	15	0.006 428	9.852 675	8	424	
577	9.846 255	8	9.993 587	15	0.006 413	9.852 668	7	423	
578	9.846 263	8	9.993 602	15	0.006 398	9.852 660	8	422	
579	9.846 270	7	9.993 618	16	0.006 382	9.852 653	7	421	
.580	9.846 278	8	9.993 633	15	0.006 367	9.852 645	8	.420	
581	9.846 286	8	9.993 648	15	0.006 352	9.852 638	7	419	
582	9.846 293	7	9.993 663	15	0.006 337	9.852 630	8	418	
583	9.846 301	8	9.993 678	15	0.006 322	9.852 623	7	417	
584	9.846 309	8	9.993 693	15	0.006 307	9.852 615	8	416	
585	9.846 316	7	9.993 708	15	0.006 292	9.852 608	7	415	
586	9.846 324	8	9.993 724	16	0.006 276	9.852 601	7	414	
587	9.846 332	8	9.993 739	15	0.006 261	9.852 593	8	413	
588	9.846 340	8	9.993 754	15	0.006 246	9.852 586	7	412	
589	9.846 347	7	9.993 769	15	0.006 231	9.852 578	8	411	
.590	9.846 355	8	9.993 784	15	0.006 216	9.852 571	7	.410	
591	9.846 363	8	9.993 799	15	0.006 201	9.852 563	8	409	
592	9.846 370	7	9.993 815	16	0.006 185	9.852 556	7	408	
593	9.846 378	8	9.993 830	15	0.006 170	9.852 548	8	407	
594	9.846 386	8	9.993 845	15	0.006 155	9.852 541	7	406	
595	9.846 393	7	9.993 860	15	0.006 140	9.852 533	8	405	
596	9.846 401	8	9.993 875	15	0.006 125	9.852 526	7	404	
597	9.846 409	8	9.993 890	15	0.006 110	9.852 518	8	403	
598	9.846 416	7	9.993 906	16	0.006 094	9.852 511	7	402	
599	9.846 424	8	9.993 921	15	0.006 079	9.852 503	8	401	
.600	9.846 432	8	9.993 936	15	0.006 064	9.852 496	7	.400	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.450 — 45°.400

44°.600 — 44°.650

44°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.846 432		9.993 936		0.006 064	9.852 496		.400	
		7		15			8		
601	9.846 439		9.993 951		0.006 049	9.852 488		399	
		8		15			7		
602	9.846 447		9.993 966		0.006 034	9.852 481		398	
		8		15			8		
603	9.846 455		9.993 981		0.006 019	9.852 473		397	
		8		16			7		
604	9.846 463		9.993 997		0.006 003	9.852 466		396	
		7		15			7		
605	9.846 470		9.994 012		0.005 988	9.852 459		395	
		8		15			8		
606	9.846 478		9.994 027		0.005 973	9.852 451		394	
		8		15			7		
607	9.846 486		9.994 042		0.005 958	9.852 444		393	
		7		15			8		
608	9.846 493		9.994 057		0.005 943	9.852 436		392	
		8		15			7		
609	9.846 501		9.994 072		0.005 928	9.852 429		391	
		8		16			8		
.610	9.846 509		9.994 088		0.005 912	9.852 421		.390	
		7		15			7		
611	9.846 516		9.994 103		0.005 897	9.852 414		389	
		8		15			8		
612	9.846 524		9.994 118		0.005 882	9.852 406		388	
		8		15			7		
613	9.846 532		9.994 133		0.005 867	9.852 399		387	
		7		15			8		
614	9.846 539		9.994 148		0.005 852	9.852 391		386	
		8		15			7		
615	9.846 547		9.994 163		0.005 837	9.852 384		385	
		8		15			8		
616	9.846 555		9.994 178		0.005 822	9.852 376		384	
		7		16			7		
617	9.846 562		9.994 194		0.005 806	9.852 369		383	
		8		15			8		
618	9.846 570		9.994 209		0.005 791	9.852 361		382	
		8		15			7		
619	9.846 578		9.994 224		0.005 776	9.852 354		381	
		7		15			8		
.620	9.846 585		9.994 239		0.005 761	9.852 346		.380	
		8		15			7		
621	9.846 593		9.994 254		0.005 746	9.852 339		379	
		8		15			8		
622	9.846 601		9.994 269		0.005 731	9.852 331		378	
		8		16			7		
623	9.846 609		9.994 285		0.005 715	9.852 324		377	
		7		15			8		
624	9.846 616		9.994 300		0.005 700	9.852 316		376	
		8		15			7		
625	9.846 624		9.994 315		0.005 685	9.852 309		375	
		8		15			8		
626	9.846 632		9.994 330		0.005 670	9.852 301		374	
		7		15			7		
627	9.846 639		9.994 345		0.005 655	9.852 294		373	
		8		15			8		
628	9.846 647		9.994 360		0.005 640	9.852 286		372	
		8		16			7		
629	9.846 655		9.994 376		0.005 624	9.852 279		371	
		7		15			7		
.630	9.846 662		9.994 391		0.005 609	9.852 272		.370	
		8		15			8		
631	9.846 670		9.994 406		0.005 594	9.852 264		369	
		8		15			7		
632	9.846 678		9.994 421		0.005 579	9.852 257		368	
		7		15			8		
633	9.846 685		9.994 436		0.005 564	9.852 249		367	
		8		15			7		
634	9.846 693		9.994 451		0.005 549	9.852 242		366	
		8		16			8		
635	9.846 701		9.994 467		0.005 533	9.852 234		365	
		7		15			7		
636	9.846 708		9.994 482		0.005 518	9.852 227		364	
		8		15			8		
637	9.846 716		9.994 497		0.005 503	9.852 219		363	
		8		15			7		
638	9.846 724		9.994 512		0.005 488	9.852 212		362	
		7		15			8		
639	9.846 731		9.994 527		0.005 473	9.852 204		361	
		8		15			7		
.640	9.846 739		9.994 542		0.005 458	9.852 197		.360	
		8		16			8		
641	9.846 747		9.994 558		0.005 442	9.852 189		359	
		7		15			7		
642	9.846 754		9.994 573		0.005 427	9.852 182		358	
		8		15			8		
643	9.846 762		9.994 588		0.005 412	9.852 174		357	
		8		15			7		
644	9.846 770		9.994 603		0.005 397	9.852 167		356	
		7		15			8		
645	9.846 777		9.994 618		0.005 382	9.852 159		355	
		8		15			7		
646	9.846 785		9.994 633		0.005 367	9.852 152		354	
		8		15			8		
647	9.846 793		9.994 648		0.005 352	9.852 144		353	
		7		16			7		
648	9.846 800		9.994 664		0.005 336	9.852 137		352	
		8		15			8		
649	9.846 808		9.994 679		0.005 321	9.852 129		351	
		8		15			7		
.650	9.846 816		9.994 694		0.005 306	9.852 122		.350	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.400 — 45°.350

44°.650 — 44°.700

44°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.846 816		9.994 694		0.005 306	9.852 122		**.350**	
		7		15			8		
651	9.846 823		9.994 709		0.005 291	9.852 114		349	
652	9.846 831	8	9.994 724	15	0.005 276	9.852 107	7	348	
653	9.846 839	8	9.994 739	15	0.005 261	9.852 099	8	347	
		7		16			7		
654	9.846 846		9.994 755		0.005 245	9.852 092		346	
655	9.846 854	8	9.994 770	15	0.005 230	9.852 084	8	345	
656	9.846 862	8	9.994 785	15	0.005 215	9.852 077	7	344	
		7		15			8		
657	9.846 869		9.994 800		0.005 200	9.852 069		343	
658	9.846 877	8	9.994 815	15	0.005 185	9.852 062	7	342	
659	9.846 885	8	9.994 830	15	0.005 170	9.852 054	8	341	
		7		16			7		
.660	9.846 892		9.994 846		0.005 154	9.852 047		**.340**	
		8		15			8		
661	9.846 900		9.994 861		0.005 139	9.852 039		339	
662	9.846 908	8	9.994 876	15	0.005 124	9.852 032	7	338	
663	9.846 916	8	9.994 891	15	0.005 109	9.852 024	8	337	
		7		15			7		
664	9.846 923		9.994 906		0.005 094	9.852 017		336	
665	9.846 931	8	9.994 921	15	0.005 079	9.852 009	8	335	
666	9.846 939	8	9.994 937	16	0.005 063	9.852 002	7	334	
		7		15			8		
667	9.846 946		9.994 952		0.005 048	9.851 994		333	
668	9.846 954	8	9.994 967	15	0.005 033	9.851 987	7	332	
669	9.846 962	8	9.994 982	15	0.005 018	9.851 979	8	331	
		7		15			7		
.670	9.846 969		9.994 997		0.005 003	9.851 972		**.330**	
		8		15			7		
671	9.846 977		9.995 012		0.004 988	9.851 965		329	
672	9.846 985	8	9.995 027	15	0.004 973	9.851 957	8	328	
673	9.846 992	7	9.995 043	16	0.004 957	9.851 950	7	327	
		8		15			8		
674	9.847 000		9.995 058		0.004 942	9.851 942		326	
675	9.847 008	8	9.995 073	15	0.004 927	9.851 935	7	325	
676	9.847 015	7	9.995 088	15	0.004 912	9.851 927	8	324	
		8		15			7		
677	9.847 023		9.995 103		0.004 897	9.851 920		323	
678	9.847 031	8	9.995 118	15	0.004 882	9.851 912	8	322	
679	9.847 038	7	9.995 134	16	0.004 866	9.851 905	7	321	
		8		15			8		
.680	9.847 046		9.995 149		0.004 851	9.851 897		**.320**	
		8		15			7		
681	9.847 054		9.995 164		0.004 836	9.851 890		319	
682	9.847 061	7	9.995 179	15	0.004 821	9.851 882	8	318	
683	9.847 069	8	9.995 194	15	0.004 806	9.851 875	7	317	
		8		15			8		
684	9.847 077		9.995 209		0.004 791	9.851 867		316	
685	9.847 084	7	9.995 225	16	0.004 775	9.851 860	7	315	
686	9.847 092	8	9.995 240	15	0.004 760	9.851 852	8	314	
		7		15			7		
687	9.847 099		9.995 255		0.004 745	9.851 845		313	
688	9.847 107	8	9.995 270	15	0.004 730	9.851 837	8	312	
689	9.847 115	8	9.995 285	15	0.004 715	9.851 830	7	311	
		7		15			8		
.690	9.847 122		9.995 300		0.004 700	9.851 822		**.310**	
		8		16			7		
691	9.847 130		9.995 316		0.004 684	9.851 815		309	
692	9.847 138	8	9.995 331	15	0.004 669	9.851 807	8	308	
693	9.847 145	7	9.995 346	15	0.004 654	9.851 800	7	307	
		8		15			8		
694	9.847 153		9.995 361		0.004 639	9.851 792		306	
695	9.847 161	8	9.995 376	15	0.004 624	9.851 785	7	305	
696	9.847 168	7	9.995 391	15	0.004 609	9.851 777	8	304	
		8		16			7		
697	9.847 176		9.995 407		0.004 593	9.851 770		303	
698	9.847 184	8	9.995 422	15	0.004 578	9.851 762	8	302	
699	9.847 191	7	9.995 437	15	0.004 563	9.851 755	7	301	
		8		15			8		
.700	9.847 199		9.995 452		0.004 548	9.851 747		**.300**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.350 — 45°.300

44°.700 — 44°.750

44°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.847 199		9.995 452		0.004 548	9.851 747		.300	
		8		15			7		
701	9.847 207		9.995 467		0.004 533	9.851 740		299	
702	9.847 214	7	9.995 482	15	0.004 518	9.851 732	8	298	
703	9.847 222	8	9.995 497	15	0.004 503	9.851 725	7	297	
		8		16			8		
704	9.847 230		9.995 513		0.004 487	9.851 717		296	
705	9.847 237	7	9.995 528	15	0.004 472	9.851 710	7	295	
706	9.847 245	8	9.995 543	15	0.004 457	9.851 702	8	294	
		8		15			7		
707	9.847 253		9.995 558		0.004 442	9.851 695		293	
708	9.847 260	7	9.995 573	15	0.004 427	9.851 687	8	292	
709	9.847 268	8	9.995 588	15	0.004 412	9.851 680	7	291	
		8		16			8		
.710	9.847 276		9.995 604		0.004 396	9.851 672		.290	
		7		15			7		
711	9.847 283		9.995 619		0.004 381	9.851 665		289	
712	9.847 291	8	9.995 634	15	0.004 366	9.851 657	8	288	
713	9.847 299	8	9.995 649	15	0.004 351	9.851 650	7	287	
		7		15			8		
714	9.847 306		9.995 664		0.004 336	9.851 642		286	
715	9.847 314	8	9.995 679	15	0.004 321	9.851 635	7	285	
716	9.847 322	8	9.995 695	16	0.004 305	9.851 627	8	284	
		7		15			7		
717	9.847 329		9.995 710		0.004 290	9.851 620		283	
718	9.847 337	8	9.995 725	15	0.004 275	9.851 612	8	282	
719	9.847 345	8	9.995 740	15	0.004 260	9.851 605	7	281	
		7		15			8		
.720	9.847 352		9.995 755		0.004 245	9.851 597		.280	
		8		15			7		
721	9.847 360		9.995 770		0.004 230	9.851 590		279	
722	9.847 368	8	9.995 786	16	0.004 214	9.851 582	8	278	
723	9.847 375	7	9.995 801	15	0.004 199	9.851 575	7	277	
		8		15			8		
724	9.847 383		9.995 816		0.004 184	9.851 567		276	
725	9.847 391	8	9.995 831	15	0.004 169	9.851 559	8	275	
726	9.847 398	7	9.995 846	15	0.004 154	9.851 552	7	274	
		8		15			8		
727	9.847 406		9.995 861		0.004 139	9.851 544		273	
728	9.847 413	7	9.995 876	15	0.004 124	9.851 537	7	272	
729	9.847 421	8	9.995 892	16	0.004 108	9.851 529	8	271	
		8		15			7		
.730	9.847 429		9.995 907		0.004 093	9.851 522		.270	
		7		15			8		
731	9.847 436		9.995 922		0.004 078	9.851 514		269	
732	9.847 444	8	9.995 937	15	0.004 063	9.851 507	7	268	
733	9.847 452	8	9.995 952	15	0.004 048	9.851 499	8	267	
		7		15			7		
734	9.847 459		9.995 967		0.004 033	9.851 492		266	
735	9.847 467	8	9.995 983	16	0.004 017	9.851 484	8	265	
736	9.847 475	8	9.995 998	15	0.004 002	9.851 477	7	264	
		7		15			8		
737	9.847 482		9.996 013		0.003 987	9.851 469		263	
738	9.847 490	8	9.996 028	15	0.003 972	9.851 462	7	262	
739	9.847 498	8	9.996 043	15	0.003 957	9.851 454	8	261	
		7		15			7		
.740	9.847 505		9.996 058		0.003 942	9.851 447		.260	
		8		16			8		
741	9.847 513		9.996 074		0.003 926	9.851 439		259	
742	9.847 521	8	9.996 089	15	0.003 911	9.851 432	7	258	
743	9.847 528	7	9.996 104	15	0.003 896	9.851 424	8	257	
		8		15			7		
744	9.847 536		9.996 119		0.003 881	9.851 417		256	
745	9.847 544	8	9.996 134	15	0.003 866	9.851 409	8	255	
746	9.847 551	7	9.996 149	15	0.003 851	9.851 402	7	254	
		8		16			8		
747	9.847 559		9.996 165		0.003 835	9.851 394		253	
748	9.847 566	7	9.996 180	15	0.003 820	9.851 387	7	252	
749	9.847 574	8	9.996 195	15	0.003 805	9.851 379	8	251	
		8		15			7		
.750	9.847 582		9.996 210		0.003 790	9.851 372		.250	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.300 — 45°.250

44°.750 — 44°.800

44°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.847 582		9.996 210		0.003 790	9.851 372		**.250**	
		7		15			8		
751	9.847 589		9.996 225		0.003 775	9.851 364		249	
		8		15			7		
752	9.847 597		9.996 240		0.003 760	9.851 357		248	
		8		15			8		
753	9.847 605		9.996 255		0.003 745	9.851 349		247	
		7		16			7		
754	9.847 612		9.996 271		0.003 729	9.851 342		246	
		8		15			8		
755	9.847 620		9.996 286		0.003 714	9.851 334		245	
		8		15			7		
756	9.847 628		9.996 301		0.003 699	9.851 327		244	
		7		15			8		
757	9.847 635		9.996 316		0.003 684	9.851 319		243	
		8		15			7		
758	9.847 643		9.996 331		0.003 669	9.851 312		242	
		8		15			8		
759	9.847 651		9.996 346		0.003 654	9.851 304		241	
		7		16			7		
.760	9.847 658		9.996 362		0.003 638	9.851 297		**.240**	
		8		15			8		
761	9.847 666		9.996 377		0.003 623	9.851 289		239	
		7		15			7		
762	9.847 673		9.996 392		0.003 608	9.851 282		238	
		8		15			8		
763	9.847 681		9.996 407		0.003 593	9.851 274		237	
		8		15			7		
764	9.847 689		9.996 422		0.003 578	9.851 267		236	
		7		15			8		
765	9.847 696		9.996 437		0.003 563	9.851 259		235	
		8		16			8		
766	9.847 704		9.996 453		0.003 547	9.851 251		234	
		8		15			7		
767	9.847 712		9.996 468		0.003 532	9.851 244		233	
		7		15			8		
768	9.847 719		9.996 483		0.003 517	9.851 236		232	
		8		15			7		
769	9.847 727		9.996 498		0.003 502	9.851 229		231	
		8		15			8		
.770	9.847 735		9.996 513		0.003 487	9.851 221		**.230**	
		7		15			7		
771	9.847 742		9.996 528		0.003 472	9.851 214		229	
		8		16			8		
772	9.847 750		9.996 544		0.003 456	9.851 206		228	
		8		15			7		
773	9.847 758		9.996 559		0.003 441	9.851 199		227	
		7		15			8		
774	9.847 765		9.996 574		0.003 426	9.851 191		226	
		8		15			7		
775	9.847 773		9.996 589		0.003 411	9.851 184		225	
		7		15			8		
776	9.847 780		9.996 604		0.003 396	9.851 176		224	
		8		15			7		
777	9.847 788		9.996 619		0.003 381	9.851 169		223	
		8		16			8		
778	9.847 796		9.996 635		0.003 365	9.851 161		222	
		7		15			7		
779	9.847 803		9.996 650		0.003 350	9.851 154		221	
		8		15			8		
.780	9.847 811		9.996 665		0.003 335	9.851 146		**.220**	
		8		15			7		
781	9.847 819		9.996 680		0.003 320	9.851 139		219	
		7		15			8		
782	9.847 826		9.996 695		0.003 305	9.851 131		218	
		8		15			7		
783	9.847 834		9.996 710		0.003 290	9.851 124		217	
		8		15			8		
784	9.847 842		9.996 725		0.003 275	9.851 116		216	
		7		16			7		
785	9.847 849		9.996 741		0.003 259	9.851 109		215	
		8		15			8		
786	9.847 857		9.996 756		0.003 244	9.851 101		214	
		7		15			7		
787	9.847 864		9.996 771		0.003 229	9.851 094		213	
		8		15			8		
788	9.847 872		9.996 786		0.003 214	9.851 086		212	
		8		15			8		
789	9.847 880		9.996 801		0.003 199	9.851 078		211	
		7		15			7		
.790	9.847 887		9.996 816		0.003 184	9.851 071		**.210**	
		8		16			8		
791	9.847 895		9.996 832		0.003 168	9.851 063		209	
		8		15			7		
792	9.847 903		9.996 847		0.003 153	9.851 056		208	
		7		15			8		
793	9.847 910		9.996 862		0.003 138	9.851 048		207	
		8		15			7		
794	9.847 918		9.996 877		0.003 123	9.851 041		206	
		8		15			8		
795	9.847 926		9.996 892		0.003 108	9.851 033		205	
		7		15			7		
796	9.847 933		9.996 907		0.003 093	9.851 026		204	
		8		16			8		
797	9.847 941		9.996 923		0.003 077	9.851 018		203	
		7		15			7		
798	9.847 948		9.996 938		0.003 062	9.851 011		202	
		8		15			8		
799	9.847 956		9.996 953		0.003 047	9.851 003		201	
		8		15			7		
.800	9.847 964		9.996 968		0.003 032	9.850 996		**.200**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.250 — 45°.200

44°.800 — 44°.850

44°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.847 964		9.996 968		0.003 032	9.850 996		.200	
		7		15			8		
801	9.847 971		9.996 983		0.003 017	9.850 988		199	
802	9.847 979	8	9.996 998	15	0.003 002	9.850 981	7	198	
803	9.847 987	8	9.997 014	16	0.002 986	9.850 973	8	197	
		7		15			7		
804	9.847 994		9.997 029		0.002 971	9.850 966		196	
805	9.848 002	8	9.997 044	15	0.002 956	9.850 958	8	195	
806	9.848 010	8	9.997 059	15	0.002 941	9.850 951	7	194	
		7		15			8		
807	9.848 017		9.997 074		0.002 926	9.850 943		193	
808	9.848 025	8	9.997 089	15	0.002 911	9.850 935	8	192	
809	9.848 032	7	9.997 104	15	0.002 896	9.850 928	7	191	
		8		16			8		
.810	9.848 040		9.997 120		0.002 880	9.850 920		.190	
		8		15			7		
811	9.848 048		9.997 135		0.002 865	9.850 913	8	189	
812	9.848 055	7	9.997 150	15	0.002 850	9.850 905		188	
813	9.848 063	8	9.997 165	15	0.002 835	9.850 898	7	187	
		8		15			8		
814	9.848 071		9.997 180		0.002 820	9.850 890		186	
815	9.848 078	7	9.997 195	15	0.002 805	9.850 883	7	185	
816	9.848 086	8	9.997 211	16	0.002 789	9.850 875	8	184	
		7		15			7		
817	9.848 093		9.997 226		0.002 774	9.850 868		183	
818	9.848 101	8	9.997 241	15	0.002 759	9.850 860	8	182	
819	9.848 109	8	9.997 256	15	0.002 744	9.850 853	7	181	
		7		15			8		
.820	9.848 116		9.997 271		0.002 729	9.850 845		.180	
		8		15			7		
821	9.848 124		9.997 286		0.002 714	9.850 838		179	
822	9.848 132	8	9.997 302	16	0.002 698	9.850 830	8	178	
823	9.848 139	7	9.997 317	15	0.002 683	9.850 823	7	177	
		8		15			8		
824	9.848 147		9.997 332		0.002 668	9.850 815		176	
825	9.848 154	7	9.997 347	15	0.002 653	9.850 807	8	175	
826	9.848 162	8	9.997 362	15	0.002 638	9.850 800	7	174	
		8		15			8		
827	9.848 170		9.997 377		0.002 623	9.850 792		173	
828	9.848 177	7	9.997 393	16	0.002 607	9.850 785	7	172	
829	9.848 185	8	9.997 408	15	0.002 592	9.850 777	8	171	
		8		15			7		
.830	9.848 193		9.997 423		0.002 577	9.850 770		.170	
		7		15			8		
831	9.848 200		9.997 438		0.002 562	9.850 762		169	
832	9.848 208	8	9.997 453	15	0.002 547	9.850 755	7	168	
833	9.848 215	7	9.997 468	15	0.002 532	9.850 747	8	167	
		8		15			7		
834	9.848 223		9.997 483		0.002 517	9.850 740		166	
835	9.848 231	8	9.997 499	16	0.002 501	9.850 732	8	165	
836	9.848 238	7	9.997 514	15	0.002 486	9.850 725	7	164	
		8		15			8		
837	9.848 246		9.997 529		0.002 471	9.850 717		163	
838	9.848 254	8	9.997 544	15	0.002 456	9.850 709	8	162	
839	9.848 261	7	9.997 559	15	0.002 441	9.850 702	7	161	
		8		15			8		
.840	9.848 269		9.997 574		0.002 426	9.850 694		.160	
		7		16			7		
841	9.848 276		9.997 590		0.002 410	9.850 687		159	
842	9.848 284	8	9.997 605	15	0.002 395	9.850 679	8	158	
843	9.848 292	8	9.997 620	15	0.002 380	9.850 672	7	157	
		7		15			8		
844	9.848 299		9.997 635		0.002 365	9.850 664		156	
845	9.848 307	8	9.997 650	15	0.002 350	9.850 657	7	155	
846	9.848 315	8	9.997 665	15	0.002 335	9.850 649	8	154	
		7		16			7		
847	9.848 322		9.997 681		0.002 319	9.850 642		153	
848	9.848 330	8	9.997 696	15	0.002 304	9.850 634	8	152	
849	9.848 337	7	9.997 711	15	0.002 289	9.850 627	7	151	
		8		15			8		
.850	9.848 345		9.997 726		0.002 274	9.850 619		.150	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.200 — 45°.150

44°.850 — 44°.900

44°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.848 345		9.997 726		0.002 274	9.850 619		**.150**	
		8		15			8		
851	9.848 353		9.997 741		0.002 259	9.850 611		149	
852	9.848 360	7	9.997 756	15	0.002 244	9.850 604	7	148	
853	9.848 368	8	9.997 772	16	0.002 228	9.850 596	8	147	
		8		15			7		
854	9.848 376		9.997 787		0.002 213	9.850 589		146	
855	9.848 383	7	9.997 802	15	0.002 198	9.850 581	8	145	
856	9.848 391	8	9.997 817	15	0.002 183	9.850 574	7	144	
		7		15			8		
857	9.848 398		9.997 832		0.002 168	9.850 566		143	
858	9.848 406	8	9.997 847	15	0.002 153	9.850 559	7	142	
859	9.848 414	8	9.997 862	15	0.002 138	9.850 551	8	141	
		7		16			7		
.860	9.848 421		9.997 878		0.002 122	9.850 544		**.140**	
		8		15			8		
861	9.848 429		9.997 893		0.002 107	9.850 536		139	
862	9.848 436	7	9.997 908	15	0.002 092	9.850 529	7	138	
863	9.848 444	8	9.997 923	15	0.002 077	9.850 521	8	137	
		8		15			8		
864	9.848 452		9.997 938		0.002 062	9.850 513		136	
865	9.848 459	7	9.997 953	15	0.002 047	9.850 506	7	135	
866	9.848 467	8	9.997 969	16	0.002 031	9.850 498	8	134	
		8		15			7		
867	9.848 475		9.997 984		0.002 016	9.850 491		133	
868	9.848 482	7	9.997 999	15	0.002 001	9.850 483	8	132	
869	9.848 490	8	9.998 014	15	0.001 986	9.850 476	7	131	
		7		15			8		
.870	9.848 497		9.998 029		0.001 971	9.850 468		**.130**	
		8		15			7		
871	9.848 505		9.998 044		0.001 956	9.850 461		129	
872	9.848 513	8	9.998 060	16	0.001 940	9.850 453	8	128	
873	9.848 520	7	9.998 075	15	0.001 925	9.850 446	7	127	
		8		15			8		
874	9.848 528		9.998 090		0.001 910	9.850 438		126	
875	9.848 535	7	9.998 105	15	0.001 895	9.850 430	8	125	
876	9.848 543	8	9.998 120	15	0.001 880	9.850 423	7	124	
		8		15			8		
877	9.848 551		9.998 135		0.001 865	9.850 415		123	
878	9.848 558	7	9.998 151	16	0.001 849	9.850 408	7	122	
879	9.848 566	8	9.998 166	15	0.001 834	9.850 400	8	121	
		8		15			7		
.880	9.848 574		9.998 181		0.001 819	9.850 393		**.120**	
		7		15			8		8 | 7
881	9.848 581		9.998 196		0.001 804	9.850 385		119	1 | 0.8 | 0.7
882	9.848 589	8	9.998 211	15	0.001 789	9.850 378	7	118	2 | 1.6 | 1.4
883	9.848 596	7	9.998 226	15	0.001 774	9.850 370	8	117	3 | 2.4 | 2.1
		8		15			8		4 | 3.2 | 2.8
884	9.848 604		9.998 241		0.001 759	9.850 362		116	5 | 4.0 | 3.5
885	9.848 612	8	9.998 257	16	0.001 743	9.850 355	7	115	6 | 4.8 | 4.2
886	9.848 619	7	9.998 272	15	0.001 728	9.850 347	8	114	7 | 5.6 | 4.9
		8		15			7		8 | 6.4 | 5.6
887	9.848 627		9.998 287		0.001 713	9.850 340		113	9 | 7.2 | 6.3
888	9.848 634	7	9.998 302	15	0.001 698	9.850 332	8	112	
889	9.848 642	8	9.998 317	15	0.001 683	9.850 325	7	111	
		8		15			8		
.890	9.848 650		9.998 332		0.001 668	9.850 317		**.110**	
		7		16			7		
891	9.848 657		9.998 348		0.001 652	9.850 310		109	
892	9.848 665	8	9.998 363	15	0.001 637	9.850 302	8	108	
893	9.848 672	7	9.998 378	15	0.001 622	9.850 295	7	107	
		8		15			8		
894	9.848 680		9.998 393		0.001 607	9.850 287		106	
895	9.848 688	8	9.998 408	15	0.001 592	9.850 279	8	105	
896	9.848 695	7	9.998 423	15	0.001 577	9.850 272	7	104	
		8		16			8		
897	9.848 703		9.998 439		0.001 561	9.850 264		103	
898	9.848 710	7	9.998 454	15	0.001 546	9.850 257	7	102	
899	9.848 718	8	9.998 469	15	0.001 531	9.850 249	8	101	
		8		15			7		
.900	9.848 726		9.998 484		0.001 516	9.850 242		**.100**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

45°.150 — 45°.100

44°.900 — 44°.950

44°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.848 726		9.998 484		0.001 516	9.850 242		.100	
901	9.848 733	7	9.998 499	15	0.001 501	9.850 234	8	099	
902	9.848 741	8	9.998 514	15	0.001 486	9.850 227	7	098	
903	9.848 749	8	9.998 530	16	0.001 470	9.850 219	8	097	
904	9.848 756	7	9.998 545	15	0.001 455	9.850 211	8	096	
905	9.848 764	8	9.998 560	15	0.001 440	9.850 204	7	095	
906	9.848 771	7	9.998 575	15	0.001 425	9.850 196	8	094	
907	9.848 779	8	9.998 590	15	0.001 410	9.850 189	7	093	
908	9.848 787	8	9.998 605	15	0.001 395	9.850 181	8	092	
909	9.848 794	7	9.998 620	15	0.001 380	9.850 174	7	091	
.910	9.848 802	8	9.998 636	16	0.001 364	9.850 166	8	.090	
911	9.848 809	7	9.998 651	15	0.001 349	9.850 159	7	089	
912	9.848 817	8	9.998 666	15	0.001 334	9.850 151	8	088	
913	9.848 825	8	9.998 681	15	0.001 319	9.850 143	8	087	
914	9.848 832	7	9.998 696	15	0.001 304	9.850 136	7	086	
915	9.848 840	8	9.998 711	15	0.001 289	9.850 128	8	085	
916	9.848 847	7	9.998 727	16	0.001 273	9.850 121	7	084	
917	9.848 855	8	9.998 742	15	0.001 258	9.850 113	8	083	
918	9.848 863	8	9.998 757	15	0.001 243	9.850 106	7	082	
919	9.848 870	7	9.998 772	15	0.001 228	9.850 098	8	081	
.920	9.848 878	8	9.998 787	15	0.001 213	9.850 091	7	.080	
921	9.848 885	7	9.998 802	15	0.001 198	9.850 083	8	079	
922	9.848 893	8	9.998 818	16	0.001 182	9.850 075	8	078	
923	9.848 901	8	9.998 833	15	0.001 167	9.850 068	7	077	
924	9.848 908	7	9.998 848	15	0.001 152	9.850 060	8	076	
925	9.848 916	8	9.998 863	15	0.001 137	9.850 053	7	075	
926	9.848 923	7	9.998 878	15	0.001 122	9.850 045	8	074	
927	9.848 931	8	9.998 893	15	0.001 107	9.850 038	7	073	
928	9.848 939	8	9.998 908	15	0.001 092	9.850 030	8	072	
929	9.848 946	7	9.998 924	16	0.001 076	9.850 023	7	071	
.930	9.848 954	8	9.998 939	15	0.001 061	9.850 015	8	.070	
931	9.848 961	7	9.998 954	15	0.001 046	9.850 007	8	069	
932	9.848 969	8	9.998 969	15	0.001 031	9.850 000	7	068	
933	9.848 977	8	9.998 984	15	0.001 016	9.849 992	8	067	
934	9.848 984	7	9.998 999	15	0.001 001	9.849 985	7	066	
935	9.848 992	8	9.999 015	16	0.000 985	9.849 977	8	065	
936	9.848 999	7	9.999 030	15	0.000 970	9.849 970	7	064	
937	9.849 007	8	9.999 045	15	0.000 955	9.849 962	8	063	
938	9.849 015	8	9.999 060	15	0.000 940	9.849 954	8	062	
939	9.849 022	7	9.999 075	15	0.000 925	9.849 947	7	061	
.940	9.849 030	8	9.999 090	15	0.000 910	9.849 939	8	.060	
941	9.849 037	7	9.999 106	16	0.000 894	9.849 932	7	059	
942	9.849 045	8	9.999 121	15	0.000 879	9.849 924	8	058	
943	9.849 053	8	9.999 136	15	0.000 864	9.849 917	7	057	
944	9.849 060	7	9.999 151	15	0.000 849	9.849 909	8	056	
945	9.849 068	8	9.999 166	15	0.000 834	9.849 901	8	055	
946	9.849 075	7	9.999 181	15	0.000 819	9.849 894	7	054	
947	9.849 083	8	9.999 197	16	0.000 803	9.849 886	8	053	
948	9.849 090	7	9.999 212	15	0.000 788	9.849 879	7	052	
949	9.849 098	8	9.999 227	15	0.000 773	9.849 871	8	051	
.950	9.849 106	8	9.999 242	15	0.000 758	9.849 864	7	.050	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.100 — 45°.050

$44^\circ.950 - 45^\circ.000$

44°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.849 106		9.999 242		0.000 758	9.849 864		**.050**	
		7		15			8		
951	9.849 113		9.999 257		0.000 743	9.849 856		049	
		8		15			7		
952	9.849 121		9.999 272		0.000 728	9.849 849		048	
		7		15			8		
953	9.849 128		9.999 287		0.000 713	9.849 841		047	
		8		16			8		
954	9.849 136		9.999 303		0.000 697	9.849 833		046	
		8		15			7		
955	9.849 144		9.999 318		0.000 682	9.849 826		045	
		7		15			8		
956	9.849 151		9.999 333		0.000 667	9.849 818		044	
		8		15			7		
957	9.849 159		9.999 348		0.000 652	9.849 811		043	
		7		15			8		
958	9.849 166		9.999 363		0.000 637	9.849 803		042	
		8		15			7		
959	9.849 174		9.999 378		0.000 622	9.849 796		041	
		8		16			8		
.960	9.849 182		9.999 394		0.000 606	9.849 788		**.040**	
		7		15			8		
961	9.849 189		9.999 409		0.000 591	9.849 780		039	
		8		15			7		
962	9.849 197		9.999 424		0.000 576	9.849 773		038	
		7		15			8		
963	9.849 204		9.999 439		0.000 561	9.849 765		037	
		8		15			7		
964	9.849 212		9.999 454		0.000 546	9.849 758		036	
		8		15			8		
965	9.849 220		9.999 469		0.000 531	9.849 750		035	
		7		16			7		
966	9.849 227		9.999 485		0.000 515	9.849 743		034	
		8		15			8		
967	9.849 235		9.999 500		0.000 500	9.849 735		033	
		7		15			8		
968	9.849 242		9.999 515		0.000 485	9.849 727		032	
		8		15			7		
969	9.849 250		9.999 530		0.000 470	9.849 720		031	
		7		15			8		
.970	9.849 257		9.999 545		0.000 455	9.849 712		**.030**	
		8		15			7		
971	9.849 265		9.999 560		0.000 440	9.849 705		029	
		8		16			8		
972	9.849 273		9.999 576		0.000 424	9.849 697		028	
		7		15			7		
973	9.849 280		9.999 591		0.000 409	9.849 690		027	
		8		15			8		
974	9.849 288		9.999 606		0.000 394	9.849 682		026	
		7		15			8		
975	9.849 295		9.999 621		0.000 379	9.849 674		025	
		8		15			7		
976	9.849 303		9.999 636		0.000 364	9.849 667		024	
		8		15			8		
977	9.849 311		9.999 651		0.000 349	9.849 659		023	
		7		15			7		
978	9.849 318		9.999 666		0.000 334	9.849 652		022	
		8		16			8		
979	9.849 326		9.999 682		0.000 318	9.849 644		021	
		7		15			7		
.980	9.849 333		9.999 697		0.000 303	9.849 637		**.020**	
		8		15			8		
981	9.849 341		9.999 712		0.000 288	9.849 629		019	
		8		15			8		
982	9.849 349		9.999 727		0.000 273	9.849 621		018	
		7		15			7		
983	9.849 356		9.999 742		0.000 258	9.849 614		017	
		8		15			8		
984	9.849 364		9.999 757		0.000 243	9.849 606		016	
		7		16			7		
985	9.849 371		9.999 773		0.000 227	9.849 599		015	
		8		15			8		
986	9.849 379		9.999 788		0.000 212	9.849 591		014	
		7		15			7		
987	9.849 386		9.999 803		0.000 197	9.849 584		013	
		8		15			8		
988	9.849 394		9.999 818		0.000 182	9.849 576		012	
		8		15			8		
989	9.849 402		9.999 833		0.000 167	9.849 568		011	
		7		15			7		
.990	9.849 409		9.999 848		0.000 152	9.849 561		**.010**	
		8		16			8		
991	9.849 417		9.999 864		0.000 136	9.849 553		009	
		7		15			7		
992	9.849 424		9.999 879		0.000 121	9.849 546		008	
		8		15			8		
993	9.849 432		9.999 894		0.000 106	9.849 538		007	
		8		15			8		
994	9.849 440		9.999 909		0.000 091	9.849 530		006	
		7		15			7		
995	9.849 447		9.999 924		0.000 076	9.849 523		005	
		8		15			8		
996	9.849 455		9.999 939		0.000 061	9.849 515		004	
		7		16			7		
997	9.849 462		9.999 955		0.000 045	9.849 508		003	
		8		15			8		
998	9.849 470		9.999 970		0.000 030	9.849 500		002	
		7		15			7		
999	9.849 477		9.999 985		0.000 015	9.849 493		001	
		8		15			8		
***000**	9.849 485		0.000 000		0.000 000	9.849 485		**.000**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

$45^\circ.050 - 45^\circ.000$